

HDTMK30	48	840862	1 - 518	15 - 532	AX014325, M32405, E06005, J02983, AC010180, E01535, AB005624, M19393, E06003, E01534, M33330, M33331, D11388, D10167, AC005330, AL080060, U09759, and AW074254, AI831962, BE676430, AW162549, AI017570, U0935049, AW951729, AW070785, AW160944, AI433969, BE379169, AA316765, F208340, BE908740, AA3070273, AA308469, AA932397, AU971868, AW228383, AI020264, AA335512, AB75912, F20835, AW050941, N40545, N46592, AW438345, AI276310, N92994, K70374, AI5090641, BE395213, AA873604, AI610571, AA648290, AI392906, AA629912, T94441, AI380872, AV706442, AW348488, T94528, AA906326, AA621581, AI261782, AI095210, AA910827, BE392525, BE833101, N56229, U09770, AP000358, AP000359, AC024247, U58630, and M13018.
HDPFX64	49	841088	1 - 1368	15 - 1382	BF690243, AI635310, AV705585, BF967716, AW516059, BG171153, BE379346, BG165946, BE262120, AW103919, AA586820, BE270450, AA580196, AV392940, BF689694, AA809239, AI023735, AI031575, AI038145, BE212877, AV653577, AW025039, W46346, BE77824, AW005149, N94381, AA931405, AI009511, AI341743, AW024649, AI093535, AI369772, W47346, W16578, W42813, AW945189, AV705723, BF132768, AA992145, AW675359, AA907868, AA070469, AW135787, AI300765, AA776545, AA490938, AW606545, AI025359, AV694879, W46347, BG036926, AA725448, AW750158, N66103, AI244482, A765611, AI344462, AI680024, H05080, R42090, AV703075, AV719545, AI916199, AV368885, W42724, AA576647, AW025028, F00072, R00895, AV683358, AW381236, AV695314, AV684315, W37707, AW945190, AV691040, BE831134, AV693290, N79589, W37783, BE711900, AA362380, AA745683, AI033697, AW381235, R88810, BF132335, AW951545, AV685847, AA374786, T29875, BF903989, AV696538, D11601, AA491124, T16992, AI914576, AA305378, W31989, BF953874, BF953867, AW197238, R21561, BE140647, BF959687, BF959697, H05540, R42941, AW406968, W47450, J02888, AB050248, U07736, U07732, U07733, U07734, U07735, and U07731.
HODFG71	50	843485	1 - 2226	15 - 2240	AC019187, AF235098, AL049743, AL050335, AP001675, AC010348, AP000431, AC010283, AC005409, AC002554, and AC006992.
HCE3165	51	844534	1 - 288	15 - 302	BF380320, BF770784, BF770772, BF770765, BF770108, BG109313, BE884633, BG110701, BF770763, BF380303, BF770117, AW753076, N94851, AW384469, AW384552, BE771991, H21705, AI741955, AI963814, AW299769, AI917621, AI742118, R55420, H42774, AW205801, AI394684, AW360906, AW360994, AW578414, Z19511, U91329, AB014606, and AC004771.
HSVH65	52	847355	1 - 758	15 - 772	AW080832, AI693734, BF793712, AI564525, BE689501, BF037343, AV719716, AW024144, AA523950, AW475057, BF827012, AI185475, AI197788, AT086871, AV660309, and AR062277.
HIBXFT41	53	847647	1 - 989	15 - 1003	AA778868, AA679725, AA361583, BE727943, BE798065, AA626529, T19700, AA384998, AA374709, AI908896, AI908908, BE255062, AW245790, AA280060, AI114472, AV726479, AA085949, AA081907, BE269296, AV709611, BF725532, AV714707, AV706440, BE790718,

HSSDM07	60	863515	1 - 2584	15 - 2598	<p> BG109661, AI086004, AW104310, AI524513, AV744389, AA128297, BE560561, AV757265, F36107, AI125537, H72703, AI02668, BF678743, AV682013, BE905381, AA130380, F27615, BF216773, AV12461, AA934903, N99893, BE394168, AI125438, H72704, AI796626, AA314160, AW518185, W68325, BF975221, F24460, AI832538, F30577, W68324, AI497592, AA054941, AA872295, AA070687, AV006071, AV758709, AA062230, AW274476, AA848221, AI197806, AI198400, AA005508, T79469, AI022623, AI139027, AV722653, AA594400, BE737684, AI718047, AA652237, BG008943, AI022442, AA054942, BF680026, AI245664, F25027, NG3141, AA927181, BF207713, F36673, AA86168, AI660015, AA908189, DS0999, AA329037, BE738658, AI589655, AI499968, AA366606, F36067, AV711850, AA515879, BF238919, BE041814, F26441, AA769698, T79560, F34346, BF214417, T97719, AA483049, BF091216, AI207479, AA302083, BF216648, W25240, T97822, BG059341, AA687617, T85228, AA492203, AV793013, AA535395, AA02796, AA238261, AA216085, F24359, T89188, AW514738, BE615484, AA649489, BF246601, AA642762, AA344058, BG099692, T24567, AA062811, BE707385, BF246668, K29682, BF383068, AA340038, BG099692, T24567, AA062811, BE707385, BF246668, K29682, BG230802, BG231094, AW362810, AW131255, AA128316, BE567457, R31939, AF085986, AF070661, AF086763, U73629, AC004770, AC004228, AF119902, and AF137396. </p> <p> BE886761, AI520319, AW966039, BG257451, AI520320, AW375546, BE733511, BG114170, BF965742, BE59952, AW992850, AI829890, AI762105, BE788349, AI40601, AW365644, AI720778, AV740440, AW138255, AW772248, AI826338, BE502698, AA609490, BE927727, AI337251, AA971588, AW000925, AW301625, AI126519, AW673462, BF454347, BE327631, AW451288, BF111138, AI948721, R56414, AI684485, AI024528, BE111141, AA971582, AW675784, BE410672, AI363500, AW192954, AA565322, AI420978, AI263464, AW300687, BE348598, AI218550, AI369735, BE552303, R52184, W15529, AA024772, AA992460, N92817, BF091934, W31215, AI500339, AI906867, W39653, BE884207, AI255525, BE743589, BE674618, AV635705, BE618430, AA456635, AA772558, H29107, AW168493, BF026061, R56415, Z43129, BE387896, AA889111, R52092, BE811013, BE810906, BE810888, BE810898, BE810993, Z39214, BE810943, BE831903, AI332368, BE831912, BE810939, BE810936, BF984499, T30757, AW901051, BE810116, AA634978, F02409, W04545, BE810887, BE811012, BE810873, BE810911, AI650748, BE810949, H29005, AW381134, AW381202, BE810871, AA490627, AA382734, AA567699, BE810969, AA023006, BE811003, W26238, BF529119, AW581211, AI783932, AW385906, F33591, R11750, BE963464, AA382733, W24938, C00553, BF092258, BF092249, AI122054, AI137264, and U67085. </p> <p> AI732553, AI732596, AW469481, AA132859, AA053401, AA132947, AA053416, AA131083, AA131111, AA053057, AH39525, AV756663, AA525818, AW974363, AW020094, AW021399, AI521525, AI572680, AI049999, AW020150, AI348780, AI797998, BF814446, </p>
HBCBW52	61	866444	1 - 1488	15 - 1502	

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HOGAS1:8	62	867969	1 - 906	15 - 920
				AL049843, AL007889, AC005231, AL096840, and AC013434. AV759518, AW827240, AL133297, BF477191, A032493, AW827130, AL042753, AV762395, AA483929, AW023990, BF347740, AW51216, BF337291, BF153869, AW857802, AL1499588, AA469952, BE065673, AA664909, AV739452, TW6754, BF679256, A039584, AW872548, BE782280, AV735907, AL039145, AW020340, AL583283, AA633753, AV745092, AW827120, AA961035, AL1471887, BF677892, AA634889, BG249643, AA458703, AW963750, AL038705, BG100996, AL119691, AV733824, AW275510, AL135373, AW512484, AV742875, AW235497, AV168618, AL538870, AW270343, AA531079, AU140328, BE297262, AL345157, AA547947, AW021735, BF437493, AA584167, AV736964, AV710066, BF816072, AA533303, AL687343, BF885142, AV733627, BF902055, AW866226, AL445674, AL732547, R86151, AV703002, A0W60545, AL247199, AA661921, AV763550, AL284640, AV764507, AL536665, AL872020, AA569471, BE378770, AW021207, AW472872, AV740801, AL131921, AW149339, AW969870, R24887, AV764578, AA101689, BE252421, BE139146, HT1429, BF942454, AA467932, AA639326, AA495695, BE147488, BE973754, AL046409, ALD56124, BF698704, AV302903, AW084466, AV734666, AL045808, AL046156, AL568678, BF738242, AW148507, AV760378, BE164494, AL888759, BF874664, AA468022, AV760207, AL801482, AL042853, AL798266, AA533333, BF691714, AW968181, D58349, AL873990, AV762098, AV761547, BG113106, AV302013, AV738993, AL382825, BE253048, BF970654, AA632600, BE967622, BF699964, BF185578, AV730301, AA541423, BE907585, AA502104, AA309257, AV710996, AA320966, BF697673, AA490183, AA954924, AW327868, AW419237, AL048925, AV703942, AV707949, AA683238, BF792954, AW833862, BF792883, AV763354, AL044940, AL069436, BF681661, BF680084, AV763971, AL044904, AU121503, AA765736, AA650211, AA847499, BF833144, AL270117, AL049766, AB037825, X55933, AC073316, L47228, X55929, AC006483, AL031279, U67831, AL008718, AL136980, AC005900, AL359763, X54177, M75551, AL136311, X54179, AC006930, AC023154, AL049870, U57005, AC003108, AC002310, X54181, X54175, U57008, AL080315, X75335, U18392, U18394, AB023798, AL354670, AC016939, AF109907, AC005221, AC005815, AC007881, U57006, AF038458, U18395, U19977, AC007014, AL033455, AK024741, AC007537, AC010282, AL031774, AL137019, AC003101, U07562, AC016601, AC007226, AC007907, U18391, AP000962, AC005180, AC006530, AL356414, AC004890, U57007, AL161422, AC020954, AC004150, AC025593, AL049760, AC002115, AC025447, AP001667, AC010154, AC020956, AP00472, AC007298, AL445275, AP003307, AL391119, X55926, AC008960, AF015151, AL355094, AL022163, AC006226, AC023275, AC006211, AL157776, AC007671, AC004977, AC005527, AC010789, AC007383, U57004, AC009244, AL031281, AP001683, AC003510, AL162377, U18393, AC007546, AL121886, AC000547, AC034246, AL050318, AC025434, AL135927, AC007227, AL031847, AC008033, AP000088, AC004802, AL122001, AC020904, AC008733, AP000550, AC015651, AL096840, Z83733.

					AL096861, AC006963, AC010271, Z93023, AL135785, M89651, X68500, AC009228, AC004381, AK026037, AC010643, AC012351, AC005146, AC024168, AC001012, AC004634, AC005944, AP000961, AL162872, AC005406, AC017019, AL049749, AP001054, AC002468, AC005046, AP01820, AL022238, AL016166, AC010170, D83989, AL022725, AL023494, X12919, AP064859, AC011548, AL035387, AC007882, AC022542, AK024096, AL031846, AL536299, AL049796, AL157760, AL159152, AC006254, AC004631, AC004712, AL135928, AB051144, AL336280, AC005179, AC016543, U57009, AL117347, AC016025, AC005015, U18387, AC005212, AL161731, AP001694, Z83822, AC004263, AL109963, AL138759, AL133276, AL049738, AC026723, AL110292, AC006037, AL136295, AL137786, AC011484, AL079303, AC007051, AL157951, U62317, AL022721, AL135786, AC011738, AC005004, AL136223, X76070, X55927, AC005261, AC007919, Z86062, AC004990, AC007749, X53550, Z83818, AL049712, AP000280, AC002119, AP000553, Z83826, AC012068, AC005881, AL008728, AL109840, Z86200, AL109976, AC023105, AC005335, AC022493, AC005771, AL138688, AP001598, AC008664, AL334834, AL335701, AF064838, AL031289, AC008321, AC008267, AF010238, AC006050, AC008745, AB012176, AC005747, Z71187, AL162815, AL023882, AC007666, AL138717, AK021821, U67801, AC012055, AP001415, AC004230, AC018662, and AL157756.
HHSDL18	63	869701	1 - 1374	15 - 1388	AA812573, AL518998, AW972473, W73306, AL52221, AL809682, AA513449, BE501387, AL148527, AW452872, AW245994, AA954445, H57889, AW183378, BE872438, AA813225, AL619978, BE794663, AW197888, BF088329, R24069, BF209308, W73041, BE502424, R24121, R26598, AW245458, AL9529294, AA249846, AK024151, AL121754, AC008155, AC025593, AC004690, AC083870, AC005011, AL121897, and AL022238.
HTFMS34	64	870486	1 - 447	15 - 461	AW402328, AA334692, AA724612, AV758954, AV744331, AA158742, AL768253, AA333944, AW001224, AB57605, AU156990, AL830105, AA987516, AA588890, AW979250, AW979200, AW974813, AW969719, AW979221, AW975126, AW979156, AW970982, AW973116, AW975987, AW973183, AW975409, AW979220, AW979219, AW973808, AW970064, AW979284, AW974983, AW972802, AW970030, AW975427, AW971985, AW979197, AW975951, AW975012, AW971097, AU137027, AW974802, AW971070, AW970564, AW973136, AW970871, AW975528, AW974987, AW969682, AW973717, AW972762, AW973103, AW971963, AW979145, AW972699, AW975070, AW973217, AW973814, AW972417, AW979140, AW971068, AW976019, AW971949, AW976008, AW969751, AW975656, AW975004, AW979228, AW979194, AW969753, AW970875, AW970921, AW969735, AK024342, AL121928, AL808035, AL135904, AC004889, AL136137, AC009960, AC006480, AC005387, AC010605, AC005783, and AC005696.
HLDOG81	65	874506	1 - 1220	15 - 1234	AL521118, AW339982, AB877788, AL627750, AW575122, AL531441, BF967087, AL038656, AL888509, AW156877, AL004580, BE349949, AL963436, AL634293, AL891103, AW080820, AA910949, AW009916, AW338663, AL525766, AA514770, AL037705, AL924086, AU951034,

HTXQF81	66	874608	1 - 1226	15 - 1240	<p>A1025380, A0151967, A1038657, AWT78781, A1703238, AWT712, A1688623, A1091742, N57407, A WT188387, N32312, A W0469366, A A605031, A518859, A A863007, A A532789, A WT188451, N66542, A1065066, W32410, A WT188660, BE223067, A A601517, A1304931, A A338673, A0112494, C75925, A050054, A1075117, W15332, W32856, A W084306, A WT730060, A W081448, A889232, A1026600, A A02855, A1888343, BE931227, A A507932, A A987475, W39423, A A938584, A A974132, W37293, F34503, A1621117, N27606, A W613309, N00139, A A987821, A A916382, A1299905, A A959391, A1525715, A1828708, A1473985, A1803426, A A591292, A W028183, A A825320, A W173786, A W3338830, A1921646, A W157842, A A5854048, A A910245, A A855143, R39105, A A989409, Z78851, W37827, R63566, A WT78890, A1673106, C75395, A A887708, BG108610, A A838595, A1526138, H19457, A1273149, A A911486, A A473237, A V265368, H42573, B F694671, A1457300, R63520, A1472638, A824046, A W194001, A A48768, T11298, B E63489, A A813624, N1931, B F672787, A1811441, A1476381, A B828334, A W080982, A1525923, C75711, C01891, B F615029, A1521119, A A084007, A1554233, B F777199, A W884756, A A3384963, F29838, B F790772, B F792586, B F971016, B F968453, B F6106145, B F343702, B G168468, B G252979, B F9938375, B G105758, B G261260, B F6166291, B C249591, B G032919, B F9393872, B F337945, B F969798, B G105318, B G104735, B G036520, B E782626, B G180793, B F9393872, B F344164, B E525514, B G250790, B F795712, B G255388, B G260963, B F969661, B F9695137, B F796402, B F969183, B G167415, B G259435, B G179486, B G113712, B G163646, B G188162, A1042009, B F8180295, B F792054, A1039390, B G179586, B G111590, B G163465, B F968692, B G251851, B G165260, B G164495, B G108452, B G035330, B G164183, B G029194, B F797998, B G249858, B F980532, B E327274, B G027631, B G181100, B G169376, B G028019, B G166490, B G111007, B G171463, B G110518, B F797137, B G180200, B G164994, B G105848, B G259612, B F342312, B G250744, B G179183, B G170847, B G251076, B E527413, B E967842, A1046681, B F968504, B F345161, B G114865, B G259362, B G253110, B G232354, B F616773, B F345716, B G122277, B F526001, B G178669, B F794212, B F341270, A1046137, B G030750, B G024457, B G011726, M25160, U F53191, U16799, A F202048, A F202049, M25159, X03883, X61453, I02701, Z99758, M75030, Z11797, U17061, and I02787.</p>
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HPWCL64	68	874891	1 - 653	15 - 667	AA531009, BF114862, BE643201, AI803060, BE746455, BF111457, AW058661, BG060155, AW957837, AI871128, AI040865, AI635619, AA279688, AA314121, AA291325, BE044274, AE00358, AI026031, AW136587, N48589, AI333491, AI217438, AA872204, AA313681, BG149853, AA701900, AA825668, N62189, AI742355, AI167192, AW782249, AI427224, AI027048, AA969624, AW957912, AW505197, AA907863, AW576584, AA8229718, AA489085, AI356298, AA496950, AA490549, R81199, AI915658, AW500237, AW242542, BF109353, AA489150, H41907, F09870, AI026430, AV726684, BF061082, AI809172,

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HWM1M62	69	874930	1 - 595	15 - 609	AI718277, AI806204, AI922705, AA134958, AW189584, BE940626, AW132541, BF436606, AW589567, AW779876, AA911194, AA096889, H26598, AI523349, AI783469, CO6405, AW979187, AA836931, A W050657, AVS380584, AA650629, AA075317, AW995789, AI535926, AI095844, AC007750, and I50896.
H2MAC06	70	874931	1 - 946	15 - 960	AA837575, AI750047, AI762213, W778875, AA528093, BF594424, AA517434, AW612593, AI749649, AA514773, AA514789, AA421943, AA167440, AI708618, AA4000973, AI747120, AA514874, AI283967, AV738755, AW845024, AA387027, AV738776, AA167783, AV738660, AA642930, BF879539, AA878029, AW193324, AA857522, AD84506, AA164459, AA164458, AV741975, AV583341, AA838234, AA169874, AV739857, W38398, AW276087, A W264913, AA148194, AA308126, AA169614, AI669077, AA074902, AA148193, AW387181, BF893727, AF029651, BF802476, AW190644, AI066666, AV735674, AV735675, AI167439, AA837853, AA074845, AI199258, AA535642, AI828800, AA166792, AA074721, BF893886, AA421944, AA165663, AA075896, AW751341, BF875085, BF765758, AW265060, AW845005, AA076140, AV739168, BF879359, AW591737, BF748440, BF898643, AI626104, AA076188, AI541032, AA837890, N27757, AA102361, BF903121, AV741814, AA165649, AA100735, BF895363, BF892331, AA524360, AI833071, BF748145, AV741817, AW79557, AA593897, I680515, AA573267, AA401137, AI058892, AA506601, BE696957, BF893703, AV743848, A W272215, BF354583, AA076566, BE004662, BE183618, AV740205, AA837854, BF334915, AA515574, N79823, BF894855, AA169569, AW564597, UA7734, AA173827, BF094310, AW664712, BE184103, BE171567, BF354577, BF805800, BG057623, AV150380, BF918052, BE811764, AA299459, BF893822, AA298668, AI810491, BF893729, BE140374, A076565, BF898473, AI940001, AV062899, BE004010, BF801920, AV062852, AW062884, AW475086, AA366738, BE171661, BF983097, AT97418, AV737676, BE045920, AA298242, BE183717, A059989, AW552267, BF893885, BF716617, BE859013, AA503624, BF893836, BF894876, A W062699, AI559933, AI749194, AI866124, AI172395, BF900257, AI697412, AI473481, AI502597, AA329732, BF896945, A W205590, AW778853, AW969360, BE711057, A W000856, AA471032, AA494293, AI695633,

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HCHMQ74 HT3A155	73 74	875371 875682	1 - 426 1 - 1467	15 - 440 15 - 1481
HMVBD68	75	876052	1 - 1266	15 - 1280

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HCRQM22	78	876696	1 - 433	15 - 447	<p>AI812113, AW439180, BF002657, AA449424, AA514476, AI262637, AI051534, AI374677, AA42087, AA425339, AA594240, AA416576, AA527340, AF287967, AI270993, X58431, X56459, J03782, U15407, and AF012098.</p> <p>BF544606, BF529981, BF786721, BF251508, BF258319, AW794597, BF255394, BF890403, AL525853, BF757575, AW403014, AI904490, BF475560, BF535798, BF546101, BG028773, BG02780, AI831848, AI115313, AI781315, BE885000, BF808237, BF537206, BF535666, BF35661, BE389956, BF540274, L16783, U74613, U83113, AK030545, A79030, U74612, and AC005841.</p> <p>R66025, R76969, AW043731, BF109415, AI122689, BF89412, AA533904, AW973590, BE182756, AI417134, R58054, U77970, AR059959, U51625, U77969, and AR059960.</p> <p>AL518281, AI279876, AI122990, AI517520, BF738492, AI122239, AI539769, BE614356, AI127471, AI137119, BF782437, BF032266, A W954410, BF917448, BG114466, BG025422, BG258893, BF793578, BF095505, AA876127, BF535422, AI963800, AA206425, AI969470, AI123404, AL517519, BE884471, BF101817, BF978343, BG258084, BE044090, AI129257, BE079257, AI150519, BG035397, BF696016, AI951966, AW605343, AA459503, AW609270, AW726771, BF576773, BF910792, AW582085, AI152326, AA778294, AW582079, BF546929, BF565375, BG171787, BF939707, AA639198, AI155689, AW609318, BF375096, AA464626, BF094456, AI14919, AI334209, BF081392, BF978405, AI124560, AI119230, BF375101, AW582064, AW813451, AI150709, BF375184, AI159355, BF974740, AW813436, AI152457, AI150177, AI151416, AI150191, BF213914, AI158145, BF573572, AW609320, AI281280, AW149760, BF375091, BF819052, AA446118, AA459274, AA236997, AW609271, AI587101, BF12914, BF243356, AW609290, AW609276, AW662423, AA946837, AI922323, AI198839, AW813453, BE960873, AA568602, AA777025, BF380050, AW376909, BE910222, BF375112, AW582063, AI127770, AW582101, AI139373, AW813471, AW972374, AW609285, BF375104, AI152034, AI753243, AA789258, N95643, AI754062, AW582102, AI150043, AA236574, AI140786, AI145626, AW813461, C75603, AA075484, BE395097, AA251521, BF970745, BE090595, AA587266, BG121171, BE042357, AI243367, AI48699, AW439362, BE546818, BF375089, AI121103, AI154945, AA213367, AW609263, BF375081, AW609294, AA837311, AI123797, AW382067, BF932351, AI156384, AW609291, AI187231, AA227539, BF132102, AI344110, H67810, BF375080, AW723252, BE782617, AA075621, BE834271, AW609293, W95535, AI400951, T65556, AW609280, AA872668, AI192986, AI192986, AI134775, C17463, BE566077, AW970128, AI892111, AA470471, AW609483, BE871406, T17222, AW192135, AA506763, BE248125, AW139044, AI193866, AA192466, AA165156, AI826398, AA678954, AI271344, BE090601, AA113939, C05669, AA137249, H17790, F11801, BF825064, AA164768, C75565, BE89384, T16445, T69722, N66040, C18698, H59903, AA503343, AI123857, AA339152, AI025443, D81644, AW582082, R78076, BF222253, H58956, BF818865, D60375, BE094097, F06655,</p>
HLHTC92	79	877310	1 - 839	15 - 853	
HZCAA49	80	879484	1 - 2296	15 - 2310	

[illegible]

HERM/Q01	85	889128	1 - 2694	15 - 2708	<p>AX033489, 109270, AX033490, 109268, 109269, AR068508, AR068510, AR067734, AR068509, AG3954, AX042377, AX034474, AX035427, AR089207, AR089206, A49701, AX035430, AX033486, AR089208, AX033487, AR089205, AR067731, A29109, A32111, I66095, AR068550, A23373, AR068551, AX042373, I66494, AR067732, AR085090, ED1324, I08638, A94046, A94054, AX030436, I58322, I58323, I66497, I66496, I66486, A27169, A27170, A39929, A83151, 109267, AR083807, AR083821, AX030435, AR091571, Y17793, AR051524, AR051537, AR051528, AR051547, AR091393, AX042376, AX042375, A45964, AF064854, AF019249, AR071207, AL133074, AL133049, AL133053, AL133076, AL122101, and AL133068.</p> <p>A1866939, AA338997, AA337893, AL079734, BC056174, A1783911, A1114733, A1133552, A1912401, BE048032, AA515728, A1738383, A1963444, A1056177, A4238278, BF312862, A1620585, AC297666, AA353216, A4837035, BP923469, AV656851, BF891210, BF768846, AW798093, AA581247, AA659608, AA847031, A1439910, BF805088, AA452887, A827771, AA410788, AA310183, BE350261, AW675551, AA714110, A1147162, A1744830, BG550286, H85792, AA651632, A1580250, BE968744, AA513551, AL119921, A1634187, AL038936, BF808097, AW515437, A4278937, AA610433, BF870792, A19338179, AA583394, AW069277, AW303142, AA654778, AA582073, AA527209, BG008041, AA804925, A1457389, A1176972, F11718, A1760723, AA621381, A1733856, AA489806, AF759115, AA464739, A1118925, AC004112, A1614445, Z97196, A1035587, A1122058, AC004882, Z97876, AC005098, AC004166, AC007371, AC008812, AC004867, A1122058, AC004985, U72787, AC004850, AL133320, AC007568, Z95703, A1096840, Z83844, AC004884, AD000685, AL0233575, A1090960, AL355386, AL121881, Z83987, AC003007, AC004884, AD000685, AL0233575, A1090960, AL45605, AC022436, AC009289, AC007999, AL008723, AC002369, AL033521, AC006578, AL079333, AC003695, AL022315, AC005081, AC002477, A161731, Z83308, AC004475, AL031177, AC004585, AC083861, AL008627, A117337, L35676, AC020908, U91323, AF084941, A1622593, Z70280, U82668, AC006271, AC005632, AC007787, A1035495, AC008685, AC005736, AL049548, AC005318, AC002091, AC007030, AC004638, AF039904, AC018663, A1109921, A1129756, AC002554, A1031117, AF030453, AC010271, Z82174, A1138733, U07562, AC073593, AC002468, A162615, AC016025, A1136173, A1159168, AP002028, AL031683, AC005189, AC005190, AC007435, A1033517, AC006236, AC005050, AC009087, AP00505, AP000295, U95739, A1031727, AC005295, A1035406, A1022163, AC004089, A1353653, AL049758, AC007057, A1295844, A1137802, AC009480, AC009086, AC005821, AC004520, AC002511, A1033697, A145220, A1391595, AC007308, AF000044, AP001122, AC004841, AC004735, AP001630, AC008360, A1096131, AC006329, AC003043, AC005225, AC008736, AC001235, A1096800, A1354762, AC006241, AC005102, AC004491, AC011489, A1031447, AC006581, AC009318, A1133387, A1162272, AC010618, A1158040, A1034417, AC011475, AC005781, A1136527, AC005015, A1023577, AC026770, AC005180,</p>
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HE2RG21	86	891139	1 - 832	15 - 846	<p>AC006511, AF205588, Z97181, AC011464, Y14768, AL138741, AC004815, AC087225, AC024085, AL117382, AZ77546, AC005243, AC006057, AC011559, AC011490, AL049760, AF001580, AC007151, AC007216, AC006457, AC078899, AL133257, AL421467, AC005722, AL031680, AP000215, AL031657, AC002470, AC005921, AC003076, AC003011, AC073898, AC005184, AP001610, AL035361, AC008403, AP001748, AC004453, AL139120, AC006317, AL031733, AL139396, AF000333, AC005206, AC006210, Z93015, AF000297, Z82201, X00459, AC004232, AF181449, AL049856, AL023343, Z97989, AC005227, AC004974, AC016816, AC005071, AC007163, AL031311, AC006952, Z83838, AL049830, AP001666, AL024498, AC005667, AL031668, AL121897, AC027279, AC004975, and AL080314.</p> <p>BF969593, BF976282, BG109289, BF976463, AU125491, AU125476, BF979289, BF972650, AU125886, BF9791092, BF9791337, BF737924, AL135290, BG172771, AL713476, BF97802, BF731259, BF95223, BF968456, BF90661, BF97404, BG171110, BF874660, BF95846, BF794082, BE902740, BF237469, BE562478, AV698481, BG164853, BF934517, BF342550, BE615419, BF798620, AU708767, BF795905, BF798940, BF93434, AU122903, AU123246, BF794023, BF071150, BE729229, BF922297, BE891943, BF796110, BF79535, BF308478, BE615080, BG254834, BE791517, BF689007, AV717421, BF797453, BE738673, BF97539, BG109767, BF790876, BE727304, AV713597, BE724348, BF974511, AV649335, BE879514, BG251837, BF733589, BE731394, BF796376, BE791222, BE907281, BG177300, BF790687, BF970844, BF790875, BF794823, BF795711, AU135821, BE745523, BE500363, BF027468, BG036177, BF308214, BE740779, BF969371, BF90755, BE906835, BF729432, BF314422, BE797234, BE300171, BF663788, BF790634, BE905832, BE791406, BF793973, BG113000, BF207077, BE784397, BG251032, BF976215, BG168188, BF796215, BF93995, BF794572, BF796652, BF796227, BE906382, BF026819, BE873279, BF686061, BF304948, BG165563, BE747673, BE728347, A1818928, BF379082, BE799031, BE879033, BF727362, BE274714, BG121915, BE386257, BE312750, BG107819, BE906182, BE386742, BF308232, BG254508, BE740218, BE792160, BE273381, BE569043, BF688618, BE274774, BF731375, BE889671, BE889607, BF91069, BF969938, BE727488, BF973670, BE744048, BE905712, BE561555, BE795983, BG032341, BF970016, BF980933, BG167418, BE275781, BF0034308, BF983251, BE910496, BE560745, A1985637, BF684036, BE733167, BF793690, BE260583, AV688740, BE275014, BF970622, BG253952, BF796209, BE728591, BE276098, BE260683, BF312638, BF310331, BF795019, BE794960, BF729399, BF306538, BG109917, BF664113, BF746075, AV327358, BF026012, BF034507, BE794196, BE619444, BE378927, BG029118, BE890966, AW409953, BF793206, BF795584, BF025737, BE274916, BG178912, BF689288, BF315718, BF309544, BE872371, BF875649, BF178795, BF738312, BF680070, BF085683, BE275143, BF797323, BF206155, BG117739, BG116134, BE746340, BF792526, BF085683, BF970542, BE249941, BE907925, BF796038, BE276137, BF975039, BE867742, BF973384, AF074628, BE796201, BE897798, BE380156, BE560786, BF691285, BF690366, BE727991.</p>
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AA191632, AA191711, AA192420, AA192525, AA196519, AA196716, AA196975, AA220938, AA223494, AA223647, AA224578, AA226767, AA226872, AA227074, AA227329, AA232221, AA243124, AA242989, AA242988, AA248374, AA301392, AA500644, AA506423, AA506845, AA513008, AA513009, AA513702, AA514890, AA522765, AA532067, AA532107, AA528078, AA531206, AA533793, AA532728, AA541411, AA548494, AA552113, AA552685, AA554013, AA554115, AA557427, AA557481, H98980, F17607, AA581453, AA581711, AA582439, AA582535, AA582600, AA581787, AA581820, AA581954, AA581977, AA582159, AA583157, AA586394, AA595110, AA595974, AA603403, AA614738, AA640636, AA573841, AA657164, AA576283, AA580074, AA580206, AA578651, AA578736, AA579438, AA676718, AA661937, AA714498, AA714829, AA738152, AA747197, AA747241, AA761267, AA804288, AA828948, AA838555, AA838041, AA857069, AA857337, AA857422, AA857880, AA858131, AA858238, AA865532, AA858203, AA878143, AA886145, AA886602, AA887706, AA887523, AA903967, AA906640, AA910302, AA911958, AA916745, AA922406, AA927108, AA934028, AA934551, AA935507, AA937263, AA946563, AA961754, AA961807, AA962171, AA101484, AA1032123, AA1075018, AA1076920, F18530, AA1085525, D78916, N83510, N83793, N84517, N85807, W26508, N86246, C03409, C03702, C03872, C04400, C05618, C05650, C06265, AA056715, AA641170, AA641322, AA641633, AA089557, AA089902, AA089918, AA092024, AA093132, AA093533, AA093975, AA094045, AA094098, AA094446, AA096144, AA096327, AA158063, AA196974, AA207193, AA205059, AA643151, AA643934, AA651651, AA652781, AA654193, AA210667, AA214694, AA218601, AA218635, AA218708, AA219538, AA219762, AA076729, AA248341, AA248365, AA247773, AA400081, AA401598, AA412697, D12371, AA4488379, AA488399, AA488404, AA488511, AA488532, AA488537, AA486399, AA486598, AA487043, AA489257, AA600145, AA626420, AA626507, AA628239, AA628414, AA644407, AA663009, AA629565, AA668756, AA668803, AA669761, AA669873, AA670151, AA670230, AA680212, AA629788, AA629809, AA629819, AA629919, AA405073, AA703670, AA722276, AA723160, AA723559, Z20821, Z20828, Z20830, AA774081, AA774893, AA781370, AA906089, AA908484, AA984846, AA15023, AA101790, AA102571, AA102746, AA102802, AA102858, AA102873, AA1087825, AA1089246, AA1095933, T19734, T19760, F02852, F04720, F06380, F08359, F08399, T91586, AA702813, AA550779, AA550955, AA242638, AA244040, AA249336, AA251886, AA174381, AA76325, AA283993, AA285656, AA287378, AA291747, AA309119, AA347321, AA347861, AA342555, AA356607, AA360500, AA362481, AA362841, AA368227, AA199774, AA194543, AA34381, AA343749, AA343974, AA343994, AA440096, AA473575, AA475994, AA469680, AA70746, AA717739, AA91928, AA59702, AA1566183, AA166291, AA165697, AA1568494, AA125000, AA123756, AA127307, AA141528, AA1225158, AA1623947, AA1628027, AA1200536, AA125000, AA123756, AA127307, AA141528, AA1225158, AA1623947, AA1628027, AA1200536,

HHENW77	87	894855	1 - 1761	15 - 1775	<p>AI200612, AI219591, AI240579, AI636400, AI521639, AI609365, AI610264, AI652812, and AI633187.</p> <p>AL526926, AL527436, AL526045, AI538307, AI520776, AL538372, AL535254, AI538508, AI527469, AI526103, AI536877, AI520777, AI526963, AI526963, AI525006, AI525994, BF340116, BG259955, BG118411, AI526046, AI884867, BG120508, BF530356, BF727008, BF538461, AI525005, AI885227, BF645596, AI341159, BF971037, AI953457, AI953521, AI922406, AA778161, AI687121, BF835950, BF835950, AI484695, AI953457, AI953521, AI336147, AI091364, BE162509, BF345973, AI769203, BF427859, BF433954, AI358396, AA283686, BE577432, AA932022, BE882539, AA812396, BE222881, AI880226, AI061109, W22321, AA349833, AI207239, BF528099, T77194, AA351716, AI802143, AI802146, W22366, AA349483, AW953234, AI935916, AA912295, AA323718, AA513643, BF236769, AI191844, BE044376, F10141, T24055, AA323421, T74074, AA860955, T87227, AI160164, AA916795, H435368, AI432797, F12523, AA323203, AI522051, AI869229, T15481, AI040209, BF834331, T24054, AI089847, BF527264, AI688419, BF475921, BE867108, BF945188, AI419193, BF957667, BF811179, AA290708, AA976981, BF811672, AA350458, AW895092, AI953159, AA911413, BG059278, BG230864, AA528216, BG166654, AI432030, AW079432, BE540578, AW161579, BG030405, AI582932, AW132056, AW827206, AA580663, AW161202, AW020397, BF342823, AW806761, AW075382, AI866090, AY682190, AW935969, BE069307, F26535, BE011880, BE879722, BE772508, AI270183, AI037030, AW084056, BE895765, BE964994, AI120056, BF814450, AW264495, BE906419, AW834302, AI513813, BF811808, BF812459, AW020095, AI949201, AY682724, R39444, AI635492, AI516999, AI673278, BG113188, AI473536, AI624293, BE965724, BF856052, X69392, I89947, I48978, AI359615, AR020905, AI049283, AI137478, AK026649, AK026744, A08916, A08910, A08909, AF116631, AF100781, AI133080, AK026629, AB051158, AI137560, U75932, AF036268, AF031147, AK027213, A08913, AI117394, AI110159, AI035458, AK024538, AF260566, AK026855, AB029065, AK026534, AB034701, AK026506, AI110224, AI006417, AB049892, AK000432, AF119871, AK026462, AF116644, AF069506, I48979, AI137550, AI080140, X93495, X82434, AF175903, AF067728, AX042059, AF111849, AX046842, AF130082, AF146568, Y10655, I89931, AK027096, T26207, AK026480, AK026630, AF087943, AF218014, AF225424, AK025084, AF076633, AK000083, AF026124, U87620, AF130099, AK026434, AK000323, AR034821, AI1389935, AI389982, Z97214, X72889, AI162002, AR087170, A08908, I33392, AK00137, U68233, I92592, AK025015, AK026647, AI133077, I12297, AI162004, AF091084, AI137556, AK025339, AI137271, AF079763, A242859, AF116654, AF090903, AK025484, AK038854, AF118094, AK026528, AI162006, AF137554, AK000435, AI117457, AF125948, AX006092, AF113699, AB050510, AF056191, AI137479, AK026532, AI133560, AI050277, AF003737, AF100931, X79812, AI390154, AF119865, AX005848, AX005804, AF217987, AK026526,</p>
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HOFNU55	88	897344	1 - 691	15 - 705	
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<p> B1981774, A1567351, A8666608, A1515175, A1500077, B8048013, BF982343, A1612913, BG053938, AW075351, B5077331, A148320, A1515047, A1513977, B5966388, BF970658, AW268253, AW099049, A1514063, A1321152, AW068885, BF527014, BG121222, BF945407, A4396414, A7681638, BG108147, A1349937, A7577797, BG112299, A6613907, A1513643, BG180996, A1349598, A7571538, A7565600, A1043326, A7575455, BG178800, A1513375, BG179633, A1445432, A1635461, A1271786, A1625079, A281762, BG027280, A1224992, B8841300, A4977733, B5904051, A1580984, B5965556, A1514701, A1513631, A1514303, A1590128, A1800453, A1514035, A1800433, A1682841, A1609592, A1515191, B5874133, A1514299, A16469811, A1499293, A1687728, A1048871, A1118070, A157431, A1F116639, I48979, A133640, A1F19878, A1F090901, A1F116631, I89947, A93016, A1F13013, A1389978, A1049452, A1F16644, Y11587, A1F130105, A1F300167, A1F25949, A1F16691, I89931, A1F090900, A1F090932, A1F130039, A1F133016, A1F046603, A1F116602, A1F090943, A1F18064, A1F218014, A1F130075, A1B048953, A12428359, A1F090903, A1F050146, A1F090896, A1I37527, A1I33606, A1K026741, A1K026865, A1F13694, A1F078844, A1L080060, A1F116646, A1B049758, S78214, A1F119875, A1L050116, A1F13690, L31396, L31397, A1F140032, A1I359596, A1422082, A1F13691, A1B047615, A1I17460, A1F130082, A1442072, A1I10221, S68736, A1F050393, A1F13676, A1F130104, A1I17457, A1F138861, A1F090934, A1F13677, A1L050149, A1I11837, A42766, A1Q49466, A1359601, A1K026608, A1B04894, A1F130092, A1I162083, A1F015969, A1B041801, A1F05958, A1F116688, A1K025339, X84990, A1I10196, A1K000212, A1B015685, A1I133075, A1F016882, A1Q49938, A1K050108, A1B0916, A1L049314, A1K002384, A1K026045, A1I220509, A1F219137, A1I62006, A1B0913, A1F13019, A1F17152, A1K00137, A1K025958, A1I33557, A1K026855, A1I133080, A1L096744, A1X006092, A1I33093, A1L137823, A1X019230, A1L050277, A1L080124, B07361, A1X019229, E03348, A1F19899, A1K026744, A1F116649, A1F158248, A1I22121, A1I389982, A1F113609, A1I33565, A1K000618, Y11254, A1J000937, A1F111851, A1I17394, A1I22123, A1K011880, A1K027096, A1I37459, I48978, A1I37557, A1K026592, XG3574, A1F091084, A1K025772, U91329, Y16645, A1F314091, A1I25948, A1F146568, A1L050138, A1K026533, A1F027829, A1K026784, A1F097996, A1I359618, A1I10225, A1B048954, A1F213350, A1K026452, A1F079765, X82434, A1B051158, A1K000083, A1F4242189, A1I359941, U00703, A1F130099, A1K026647, A1K000445, A1F177401, A1K000137, A1K025092, A1K026583, A1K087170, A1K024538, A1K026480, A1F17437, A1F19909, A1L049464, A1I17583, A1I33560, A1K026542, A1I353940, A1K026504, A1B052191, A1K000652, A1K025491, B07108, A1I17585, A1K026927, A1F238278, A1I359615, A1K027113, A1I375550, A1X042059, A1F224324, A1K026532, A1K026534, A1L049300, A65341, B02349, A1F130077, A1K000614, A1B0910, A1K026959, A1B049892, A1L049430, A1F067728, A1F17356, A08912, A1F130110, A1K026086, A1K025391, A1K026535, A1B047904, A1K000432, A1F130066, A1I332528, A1J050024, A1K025414, A1I17435, I33392, A1X026824, A1X026823, A58523, A1L049382, A1J070685, A1F116682, A1K026642, A1B048974, A1K027204, A1K027164, A1K000323, A1K025967, A1I162062, </p>	
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HE8TE40	89	897862	1 - 1862	15 - 1876	<p>A12297, AL122110, AF116610, AF119871, AB052200, A03736, AC002464, AF118094, AF130087, S61953, AK024524, A08909, X65873, AL137648, AK026528, AL133113, Z82022, and AF183393.</p> <p>AI823654, AI961177, AI478221, AW968773, AA846576, AI480402, AA584298, BE560551, AI813657, AI760644, AW247012, AA887179, AA868607, BF980116, BE951977, BE550998, AW969507, BE59619, A0651566, AA379635, AV686107, AW969502, BF436325.</p> <p>AW002182, AI654813, AA491041, AI283079, BE617461, AA922926, AW166079, AA917731, BF515827, AW292126, BF223222, AI990156, AA699865, AA729880, AW520215, AI607162, AI680670, AI948722, AA503731, AA732307, AW969802, AI222519, AI004530, AA639529, BF798411, W96184, AA513845, AL532268, AI681727, AA768695, BE765188, AI147101, AI205178, AD69686, AW291809, AI393799, AA737590, AA528328, BE065291, AI764868, AI867123, BF095791, BF821814, BF380983, BE151798, BF380986, AV654488, BF909261, BF909264, A W969515, AA09950, A W269244, A W300193, BE693372, AA689267, BF590473, AL694125, BE902424, AW955686, AW954735, AV703593, AV661866, AW951516, AI557264, AV696302, AV706064, AV701983, AV701103, AV705545, AV702726, C15737, AV702189, AV725294, AV702148, AV709895, C14208, AV726708, AV655824, AV705217, AW963940, AW950675, AW954772, AK026201, UI9181, AC025263, S79539, and A34916.</p> <p>BE877424, BE612406, BE867398, BE873237, BE512843, BF983503, BF984185, BE304524, BE871951, BF983498, BE962323, BG248621, BF984535, BE870387, BE872539, BG108575, BE873272, BG026835, BE688337, BF434094, AW362700, AA777371, AA479141, BE112742, D51188, AA479140, BE740078, BE869477, AA468351, BE304763, AA463224, BG248254, AA576646, BE617281, AI312731, AA584413, AI886718, BF982469, BF928257, BF928454, AA873550, AW753810, BF806796, BE712121, BE71215, AW362728, AA463225, AW362712, BE819079, BF810890, AA730073, TS4230, AW602572, AA333903, AA358807, D51376, AW753502, T28171, TS4134, AW950374, AW362081, BF926988, AI129853, AW609632, AW378785, AW390826, N86263, AW390848, AW815472, AW379982, AW379983, AW834062, AW815758, BE771216, AW815719, AW264254, D11692, AW378783, AI748892, BE868305, AI034316, AW191034, AI219728, AW148594, AW389490, F04809, BF768876, AR031483, 108631, I78457, AR075479, D30751, I11746, AR075485, U43842, AF042497, AF136233, D22607, X56848, S65032, F04737, L47480, D14814, E03671, A005076, AF058764, X64538, DA9972, U90122, U82231, AF056336, AR009509, AR048315, AR075484, and A91867.</p>
HHTCH73	90	900546	1 - 1555	15 - 1569	<p>AA346699, BE897269, BG109478, BG178294, AV718692, AV723772, AV708119, BF883916, BG179993, AI370129, BG108324, AV755207, BE047863, AI514935, AI349772, AI500077, AI513643, AH364546, AL036396, AI687376, AL047042, BF343172, BF037097, AV655645, AL119049, AL036802, AV681857, AW827211, AI514627, AV827203, BG036846,</p>
HHTBY53	91	902534	1 - 956	15 - 970	

AL046849, AL1702406, BF727212, BE969709, BE048071, AV757737, BE048163, AL475371, AL135661, AL131907, AL433157, BE785905, A064830, AL515041, AV682479, AW208253, AL515397, AL121270, BE964812, AV681716, AV756770, AL119791, AV682224, AL119748, AL349645, BC260037, BG168696, AW238611, AV757943, AL036146, AV711924, AV682266, AV740928, BE968552, AV682351, BE388010, BE613622, AV682249, AV721967, AV759235, AL121365, BE969494, BC058208, AW703152, A0686667, BE015383, AW071349, AV301409, AL349933, BC259801, A0687728, BC045500, BF726421, BE018711, BF724691, AL538716, AL513553, BF054789, BC257533, BF081293, AL686831, BG180996, AL433976, AV755320, BG114104, AL047763, BF795712, BF797016, A1567351, BE048026, BG110797, AL687415, BC252929, AV733397, AL513803, BE877769, BE964700, BE043014, AL514919, AV681685, BF793646, BE966556, AV682441, AL513911, AV734318, AV733470, BE970162, A0566870, AV758110, AV755581, BC250190, BF343729, BF792099, AV681647, BF970446, AL548548, BE777769, BG107847, BE048179, BF029399, AV758217, BE881155, AV681630, AL934036, AW162071, AL682252, AV758592, AV757158, AL920968, BF968493, AL340592, AV757971, AL120834, AV758806, AV681987, AV710608, AL679724, AV682809, BG105059, AV763915, AL440426, AL469532, AV757018, AV681951, BG109270, AV758668, AL000070, A W117882, AL514791, BF548329, AV715462, BF982046, BG033403, AL580190, BC252914, AV756342, AV756477, AL514691, A0853870, AV759831, AV757639, BE887488, AV755613, AL818683, AL993933, AV723204, BF673434, AV682218, AV757453, A0906328, AV756703, BG108147, BE965095, BF726297, AL515173, AL515047, AL500553, AV682697, BG178809, AV682476, BF882343, AV734765, AV758437, A4640779, AV756560, AV682521, AL673256, AW089572, AL513693, AL873731, AL686926, AV710479, AW999049, BF726322, BE048135, AV711509, BE048319, AL631107, BE048081, BG109125, AV729880, AV723062, AV660662, AV762488, AL802542, AV682264, BG623230, BG117375, AV758179, AW238730, AV727776, BF970731, AV681668, BC031815, AL038605, BF107377, BF981774, BF79633, AA613907, AL036080, AV734099, AL040169, AL514803, AV733819, AL349256, AL312152, AL690751, AV682772, AV682051, AL341112, AL349937, AV757827, AV681859, BE047859, AV764059, AL567632, A069592, AL514303, X0203351, AF116631, I48979, AF090900, AF126591, AF090943, AF078844, AR079032, AF118070, AF116644, AF1574531, AL424082, AF123249, AF091305, AL133016, AL133640, AF116602, AF113691, AF130082, S78214, AF116646, AL174660, S68736, AF130075, AL030146, AF138861, AL050393, X0407063, AL901671, A242859, AF116639, AF090934, AL442072, AF130059, AF090901, AF118064, AF130104, X0M46603, L31396, L31397, A93016, AF090903, AF113013, Y11587, AL117457, AL389978, A0489553, AL080660, AF104032, AL359596, AL110196, AK026608, AL049398, AL133606, AF019878, AF218014, AK000212, I89947, AL049432, AF133694, AL110221, Z82022, AF1330092, AL359601, AF116688, AL137327, AF133676, AB049758, A08916, AF106862, AF111847, AF113690, AF090896, AR059958, AK026865, AB048964, AK026741,

	92	904763	1 - 4006	15 - 4020	<p>AFI13689, ALI33075, AB047615, ALI22050, I89931, A62298, A08913, AFI13677, X84990, AX019230, AL050149, ALI162006, AB050510, U42766, AX019229, AL049466, AB041801, AL050116, AK025339, AL050108, AK026045, ALI62083, AFI19875, AK025084, ALI22093, AL049314, AK025958, AL096744, AB019565, A84916, A62300, AFI13699, AFI13019, YI6645, ALI33557, AF219137, AL050277, AFI19899, AR011880, AL080137, AR018138, AF017152, AL080124, AX006092, YI1254, I48978, AK026744, AK026855, ALI33080, AK070327, ALI33093, E03348, AFI11851, ALI389982, AFI137283, AK000618, X0279255, AFI16649, ALI22121, ALI37439, ALI37357, A1000937, ALI33565, ALI22123, AF207829, AF097996, ALI32110, AFI58248, AK026583, U91329, ALI37550, AL049430, AF017437, AX047064, XG3574, AL359618, AK025772, E07361, AK026784, AFI146568, AK027096, AF314091, AK025092, AF091084, AK000083, AK026533, AFI19909, ALI17394, ALI33560, AK026542, AF125948, X82434, E02349, AF271350, AK000137, AF242189, ALI10225, AK026592, AL359941, A302649, U00763, AL050138, AFI77401, AB048954, AF079765, AK024538, AX047062, AK000614, A63341, AK000445, AK000652, AK026647, AB048974, X70685, AL335940, AR087170, AK026452, AFI330959, X67155, ALI17583, AB051158, AK026927, ALI21916, AL049382, AK027113, AK000323, AX020191, A67220, AX020190, M22146, ALI17435, A08910, AL049300, E05822, AK026480, AB052191, AF041428, AK026353, A77033, A77035, AX021518, AK026642, AK026086, AL359615, A25909, E07108, AK026504, ALI17585, S61953, A08912, AFI16682, AF225424, AFI77336, AFI30077, AK026959, AK026532, AL050024, A78862, AK025491, AK027164, A1238278, D89783, AX026824, AX026823, AFI30110, M58458, AK026534, D26022, ALI33258, AL049464, and AB047904.</p> <p>AL528314, AFI130887, BE780963, BF966718, ALI18570, BE739397, AUI26476, AUI39315, BF512830, BG115027, A1908306, BE880693, BF540985, BF791388, AUI22664, BF035925, BF665031, A1672418, BF206660, BE738855, BG120429, BF129883, BF057158, AF059181, AV724420, BF106186, BF966523, BF213412, AL042137, BF211302, A1042351, BF206917, BF031857, BF515714, BE514139, A696443, BF037314, AFI30577, BF129874, AA424461, AV661523, AFI130565, AUI27429, BF677116, AA902916, AUI50429, A1239435, BF665735, BE155330, AV705068, BF212900, AA983275, AV710135, BF432386, BF211687, AA461260, BF057834, AA312396, A1627321, ALI60503, N63373, BE502195, AV751301, BF1184200, A1840252, BE559625, BE468064, AAI86321, AFI750990, AA749086, BF513143, AUI32756, AA402517, N26419, AW025721, A418879, BE268734, AA088855, A1042420, AA678020, AUI50014, BF184441, AAI13363, AFI61107, A1457227, AV341372, BE567439, BE270920, AA888970, AA580858, AA649198, BF649723, AAI00701, H24854, BE565719, A1819134, AFI198666, AW025691, BG010680, R77878, BE087003, AA325555, BE550985, AAI88173, A16404417, A16404581, H05951, A1044709, BF930036, BF792719, N41679, N56631, BF923482, AW779309, A1218982, H45855, AV751002, BE089649, C17343, R81295,</p>
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HHSAX10	93	904783	1 - 2530	15 - 2544	
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					AL536179, AL533946, AL533947, AL537797, BE613134, AL401562, BF343559, AV746302, AW961160, AI928515, BP966793, AV723437, BF9526420, BF725404, BR035547, BF034426, AW753309, AV751398, BF940225, AL037012, AV722341, A W291377, BF340849, BG167789, AA446330, AV745305, AI942480, AI332363, AA443173, A V746253, BE336680, AI924756, AI989804, AI089825, AI423344, BF343626, AW264140, AV745498, AI655012, AV745371, AI418141, AV745442, BE783669, AI831023, AI815927, AV745783, AV746250, AI598128, AI685430, AV746136, AA293039, AV746047, AA131952, AV745494, AA446510, AV724999, AI050790, N51854, BE612567, BF530507, N62627, AA131865, AA781772, M62252, BE244781, AI816187, AW162757, AI167936, AV745512, AV726539, AI003401, AA307598, AA349403, AI143672, A W161966, AA148523, BF529438, AI625601, AI445688, AW900480, AI124706, AI037633, AA293431, AV746086, AI534788, AV745509, AA457374, AA148774, AW051680, AW892804, H08939, AI262177, AW296899, AA604202, AA719581, TI5711, AV745470, N78398, Z44301, H89907, H08855, AV708127, H83746, AV745372, BF530020, AW090772, AI880020, AA463482, N45508, AA351563, BE514717, D58472, AV746088, T33816, R26136, AA781761, Z40260, A912327, AI135377, AV701257, N71208, AA018269, AV732497, AW291641, AI138266, BG056993, H88534, BE858449, BF913258, BE244558, AV746063, AW976010, AA234525, N22006, AI273124, W28157, BF908602, AA019115, AA349402, I80006, T32057, BE796439, BE273856, AV745883, AA526787, AW406447, AA984620, AA571717, H55993, AV696428, AU145083, AU147226, AV684596, AU158906, AI537887, N45466, AV691908, AV762220, AI038990, AL040921, F05944, AW600804, BG034591, AA601355, AI036052, AW079809, AW055526, AW962035.

94	HPHX83	1 - 3619	<p>AA631507, AU117456, R26350, BF206005, AA584482, AV955841, AV695357, AA708108, AA577824, A1635325, AA114869, AL040521, AA836811, BF902295, AA638844, D56161, AA455221, AA486896, AA827183, AV760760, BF363337, AI963600, AC020916, AC006312, AL049776, AL049709, Z98745, ZR8238, AL035415, AC005678, AL355392, AC006483, AL137073, AC006121, AC011462, AL132345, AC004638, AC061111, AC004150, AC011811, AL450226, AL134720, AC009756, AF196779, AF063356, AF207550, AC004584, AL137039, AL009179, AC008812, AP001711, AL136505, AP001717, AB023048, AC007041, U95742, AC005998, AC005037, AC006441, AL135927, AC007227, AL023494, AC008072, AC004913, AR035657, U191328, AC013429, AC008753, AC005082, AC006064, AC004477, AC006345, AC016242, U912095, AP001759, AC005516, AC008379, AC009501, AL139824, AC002470, Z85987, AL117336, AC005280, AP001725, AP000555, AL359846, AC005041, AC006965, AC004876, AL031659, Z97630, AC007066, AL021978, AC008084, AL096763, AC005736, AC005908, Z83844, AL049872, AC006130, AL133905, AL049870, AL031602, AC007686, AL109804, Z92845, AP001691, AC010271, AC005081, AC007216, AL136295, Z82028, AC022148, AL134596, AC009087, AL031281, Z84466, AL035406, AC008764, AL023575, AC008892, AL118520, AC005067, AL109743, AF134726, AC023510, U85195, AC006285, AC004971, AC005899, AC005255, AC024561, AL021707, AC004843, AF088219, AC020906, AC016025, AL022326, AC007881, AC003684, AL133243, AL008023, AP001410, AE000368, AC002477, AL136418, AL117381, AC004686, AC003692, AC005015, AP001748, AC009086, AC011480, AL050335, AC006277, AC005839, AF001549, AC005632, AC016995, AL353307, AC004089, AC010358, AP002534, U80017, AC005829, AC005519, AP001714, AL0033543, AC022350, AC004166, Z95114, AC005412, AC006241, AC006211, AC011484, AC004552, AL336299, AC018719, AL136900, AL121655, AC005545, AL139343, AC000071, AC022320, AC011510, AP001666, AL138759, AC005821, AC018637, Z82215, AC009247, AC005231, AC024584, AC018633, AC004765, AC018641, AP000088, AC008040, AC002429, AL45483, AC005747, AC006958, AP000228, AP001720, AC004531, AB023049, AC023435, AC018720, AC009032, AC004408, AC004039, AC007011, AC010328, AL021393, AC005567, AL031447, AC002420, AP001694, AC009600, AC005696, AC021016, AC004707, AL024498, AC011540, AL121825, AL109797, AC005484, AL049830, AC004826, AL121652, AC004498, AC005071, AC006879, AC008267, AF168787, AC020663, AP000302, AC005332, AC004945, AC006017, AL022316, Z49235, AC004522, AL031680, AL160231, AC007383, AL049761, AC002404, AL110115, AL357033, AL049745, AL139009, AC007969, AL158198, AL031229, AL009181, AL022238, AL121845, AL031589, U62317, AC012318, AC010422, AC005018, AC005666, AF141309, AC009514, AL031685, AC006077, AL109984, AL131651, and AC021068.</p>
94	HPHX83	1 - 3605	<p>BG170880, BF927964, AV954276, BE927869, BE927822, AW386244, BE927879, BE927863, AW579078, AG509170, BF724110, BE927940, BE927963, BE927825, BE927858.</p>

BF335709, AW974607, BG109021, AA649005, BE348562, AA169612, AI266659, AV727885, AI583996, AW193345, AA425009, BF108820, AI089470, AA450191, AA448713, AI445748, BF335707, AV776038, D81903, D60876, D80480, AA448623, AA603522, BE927820, AW959425, AA450125, AI565635, D59960, AI193749, BE927912, D52426, BE927912, AI071081, AI077471, AW513848, D60740, BE328723, AA888175, T66249, AA182689, AA959923, BF906448, AW883238, D80942, AW002242, AA182635, BF906035, AI304474, BE927864, BF724109, AI273237, AA652449, AA255509, AA662493, AW939319, BF793202, F08953, AW793124, N94857, D60588, AA255537, AI187873, F11292, F12134, T16506, BF325278, BF349025, D81183, AA330098, AW806543, BF365610, F09771, AI144133, N83701, AA863533, N88236, AW382252, and BE151485.	95	908746	1 - 1612	15 - 1626	
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HODGH45	101	917394	1 - 929	15 - 943	
					<p>AFI11849, AFI155221, AF017790, AK026624, AFI180525, AL050138, AL1389982, AF061573, AL133560, U75932, AC003032, AB047248, AF065135, AFI07847, U90884, AFI19871, AFI141289, AR070212, AB049900, AFI177336, AB047953, AK026947, U86379, and AK026630.</p> <p>AW275585, AA489039, AA480561, BF887136, AL285651, BE161469, AW057760, AA648942, AW072963, AD086603, AW630399, BE077227, AL138119, AS280886, KZ2196, AD038990, A1935827, AL446424, A1754064, AW300532, A1731859, AW855729, AA300082, AFI474003, BF792103, AW275640, A1952885, AA425283, AW080062, AW935456, BE967607, BF148493, AA584360, AA330435, A1869406, AV683406, BG231195, AW802912, AL300608, AL183727, BF812696, AA548811, AA489390, BG230829, AW342042, AW963785, AA086391, A19075247, H66812, BE171849, AA345665, BE154761, AA016062, AA370761, AL823395, R43468, AW850089, BF530611, AV039310, BE974200, BF698734, AL623503, A1271693, BF933309, AA531580, AA826079, AU151751, AA018175, AV704185, AW169183, AD28148, A1275989, BF70872, AL043285, AW64164, AA021421, AA640305, AL433262, A1750527, H86246, BF958025, BE154704, AL048969, BF346854, A1274462, BE744372, AL049553, X94359, AC005535, AB032485, AF229986, BF000931, AC004922, AC009362, AL109806, AL158815, AC004835, AC006132, AL035460, S45332, AC002985, AC005000, AC008102, Z92844, AC006166, AL136321, Z79488, AF217403, AF124730, U58047, X69907, AC005251, AP001718, AL121917, AL080245, AP003626, AC005049, Z98742, AC004000, AC003969, AL162458, AC018663, AC009487, AB023051, AC004643, AC005846, AC005179, AC004650, AL003147, AC006576, AL136307, AC020934, AC000115, AC010205, AC004811, AC004913, AL160053, AC008403, AF243527, AL353807, AL009181, AL031311, AB040900, AC007249, AL035659, AC009484, AL163249, AL031390, AL133163, AF045555, X84066, AC006317, AC007021, AF060911, AC068499, AL079941, AC020904, AK023361, AP000512, AK026899, AK002552, AC005224, M94634, Z48051, AB049007, AC005944, AC006162, AL050328, AL02442, AL335777, AC006474, AC003688, AC005057, AL034420, AC004148, AP001068, AL445196, AC006137, AC007845, AC004477, AL121653, AL133545, AL139357, U91326, AC060011, AC005154, AL035404, AC0011465, AC007879, AC009311, AC005519, AC006376, AC016025, AL137818, AF196779, AC005701, AC008038, AL109804, AC005228, AC004797, AC005409, AC005326, AC004965, AP000221, AL138836, AL353811, Z85995, AC002432, AC073323, U73648, Z99128, AL121890, AC006075, AL139383, AC006121, AC009123, AC006249, AL034380, AL137795, AC004659, Z97206, AL121751, AL031847, AC015550, AC002037, Z69890, Z68287, AC005335, AC004225, AC014991, AC008626, AL118320, AC005962, AC025472, AL133551, AC003101, AC009032, AC005779, AC006388, AC005003, AL008636, Z95116, AC004883, AC004585, AC006455, AL031427, AC007114, AC005098, AC005859, AC005037, AL031280, AC002110, AC000405, AC005546, AC002104, Z99291,</p>

HWLKE58	102	917716	1 - 2567	15 - 2581	AL035420, and AC004907. AW957184, AL520230, AL113599, AL515934, BE618778, BF056891, AL520231, BF966712, AL633878, AW515316, BG032703, BG027920, BE042542, AW088411, BE883723, AL518067, BE218306, BE644805, BF087512, BG054496, AW207435, AW771521, AA902264, AW083012, AL818209, AW105148, AL669659, AW514659, AW126445, BF516057, BE465947, AL52940, AL027938, BF031562, AA510489, AW410334, AW182807, BE465917, BE763696, N21466, AA767314, AL020205, AL034496, AA938727, AL093810, AW771502, AT436002, AW675411, AI090291, AL283114, D81907, AL417561, AA427677, N66098, AA043792, AA573278, AA427532, AA431514, AT523230, AL1819645, W19833, AA186486, BG003474, W00707, AL278309, BE349516, AL292620, AL366801, AA058340, AW512566, AA349431, AA973972, AL434568, AA349432, BE221654, BF104164, N62707, AL631297, AA766576, AA345941, AA588743, AW189042, AA724174, AW089555, BE432696, AA187281, AL638738, AL678159, N98699, AL440413, AL917203, C02322, AA829470, AA431188, AL328953, AA653570, C00128, BF998349, AT702887, T40865, AA970774, D79887, AT753861, AA766639, AT752319, D78858, AA809488, AA360504, AL962149, AL440138, AA456027, BF352331, T39804, D62361, AW149169, AW089455, T39783, BE618245, AA328062, AL220712, AL925346, H83314, AL668846, T40872, D78824, AL932606, R77568, BE782129, AL587187, N90043, D61745, N78427, AA330827, AA174177, AA330598, AA043666, BE1473, BF089446, AW514435, AA126569, BF089445, BE556123, AA329088, AW796219, AW796238, AA455387, AA292619, AA096454, BF570490, AL624981, AT49472, BF837084, BF838288, AW275782, AW275777, AA704579, AW089135, BE940131, BE165882, BE163878, BF090691, AA348799, AK023143, T39879, and T39889. AL523954, AU057097, BE737274, AT740479, BF972939, BF792838, AL797405, BE250379, BE409256, AL418377, BE513939, BG032129, BE734267, BG167040, AL814639, AL817600, AT743696, AW268351, BE563371, AL889412, BF070634, AL623409, BE409777, BE268371, AW612995, BE250540, AW105242, BE464854, AW117856, AW272529, AT745423, BG059988, AL520744, BE407785, AL802382, AW951521, AU151633, AA988074, AA587623, AL864929, AL091730, AT766700, BE299112, BG165794, BE785114, AL382349, AL827080, AL056586, BE387632, AW083461, AL168189, AU129529, AW188543, AL962116, BE789666, AL880229, AL868331, AL338997, AA157276, AW002329, AA238412, AL364317, AW204445, AW197889, AA449331, BF826010, AL564865, AA775528, AW196304, R84307, AA988067, AW472206, AW249890, AA858029, AL480058, AA157315, BG036425, AA192986, BE940591, AA302199, BF109749, AL261917, H08847, T29752, AT742031, AT744823, AW197790, AW197780, AA364515, AL157347, BE200594, AL193424, AA405800, AW243173, AA135269, AA135188, AW250551, AA816661, AA192649, AA060066, AA601382, BF979638, AL036368, AA157251, AL225820, L24774, Z25823, Z25824, Z25821, AC007162, AC005212, Z25822, and U80735.
	HRADL40	103	919433	1 - 1047	15 - 1061

HOE/MP7	104	919895	1 - 2026	15 - 2040
				<p> AL534904, AL522610, AL516508, AL518341, AL537853, AL535425, AL536043, BE779892, BE742082, BF342824, BF689584, BE728130, BG036052, BE616486, BE908269, BE263125, BF342337, BE901909, BE744162, AW239327, BE744723, BF312905, BE740545, BE260125, AU090673, BE892672, BF033874, BE741530, BE737150, BF312905, BE616822, BF032371, AW966195, AV683435, BG119709, BF037944, BF314356, BE735084, BE747683, BE907163, BE735491, BF311641, BE260982, BE271649, BE743218, BE736799, BE261948, BE279316, BE13251, BE742646, BE272420, BE336884, BF690789, BE871599, BF689537, BG260726, BE612361, BE737259, BG113153, BE892856, BE281294, AV706514, BF315657, BE898810, BF689643, BF316842, BE261398, BG036139, BF725733, BE939964, BE313385, BE260757, BE525729, BE788732, BE622344, BE742327, BF724840, BE386718, AA037208, AW996326, BE741341, AV160971, BF351816, BF930665, BF976960, BG117567, AV653871, BF984362, BF317414, AW393167, BF691819, BE168310, BG035403, BG252355, BF571880, AA179450, BG119955, AA428750, BE256703, AW390219, BE179920, R91114, AV728232, AU07139, BF087769, AW804565, AU142132, AV647759, AU142136, BF735012, AV723986, AF062716, R52199, AV646258, BE785514, BE260283, AW838307, BE908603, BE174669, BG118190, AV696733, AA082368, BE174445, AA372215, AA337535, AW368737, AV725049, AV658276, AW948691, AW368840, AW948696, BF037070, AV733360, BG121951, BE698728, AA788902, AA559314, BE259919, AA385829, BF341835, BG118704, AA337949, AA360462, AW948698, BF930434, BF023596, AA376841, BE172795, AV692780, AA362386, BE173127, BF913320, AW068069, BF692127, AV068800, BF803377, T71996, BE173259, AA305777, AV948694, AV708415, W32145, AV709872, BE167028, AW383218, BF081428, AA337859, BF351796, BF844572, AW947386, AA339979, AA379722, AA833192, BF830253, BF907280, BE172880, AA336721, BF032429, BE839327, BE772910, BE772910, BE839310, BE841076, AA337414, AA361134, BE772895, BE839302, BE772893, BE772902, AV450427, BE841048, BE839324, BE772901, AA307018, AA357376, AA360603, BF830142, AV74812, BE170712, BF761106, BE839315, AV648046, BF229791, LJ6510, M14221, AF285442, AX013195, Y18460, L22569, L04839, AU10277, AF044323, AF078844, ZB7214, AR050959, X75295, AL137711, AF274348, AF274347, AB052191, AF118094, S82852, AL353940, AB048913, AL133084, AB047947, S83440, X93328, AF032666, U92992, AR068466, AF171061, AF013214, X66871, AF159148, AL050172, AB050431, AK027116, X62580, E12580, 109499, AB051158, AL389935, AL121952, X98066, AK026885, AL137459, AF126488, AK024747, AF090901, AL136984, AK026642, AF116609, S73498, AL1080148, AK025350, U75544, AK000250, AB038854, U62807, A08912, AL355719, U95114, X06146, A08911, AL133665, U89906, AK024594, AB048919, AK025632, AK025638, AK026570, AF139986, AL110222, E02221, AL096728, AL161802, AF116691, AF116691, AF119536, X68662, AF098484, AF218006, AL389947, S76508, U72621, AR064250, U96074, AL137461, AF007142, E12806, E01812, AF113222, AF195092, U42766, J05277, X72889, AB020592, </p>

					X61399, A08913, M92439, AF094480, AL137533, AF167995, X00474, AF130053, AF204760, AK025484, AF061981, A08910, AL049452, AK000489, AF116631, AL080118, A08909, AF094850, AF067790, AL122110, U83172, AF119883, AL359941, AK026633, AL162083, AF119894, AK027096, AF119899, AL117587, AB041801, AK025906, X80340, AK025092, AL050116, AK025113, AB047883, I32738, AF287051, AF208026, AF002672, AL162079, AF130110, U80919, AK025465, AF116573, AF102578, A005690, AL110218, AP000081, AK026556, AL080060, A08908, U96683, X06757, AL096727, AR083264, X06695, E02349, AC004554, AF130342, AL355701, AL18777, S79832, AF145233, AF038847, AR070212, Z82022, M85164, and AK000247.
HOFMS02	105	920253	1 - 374	15 - 388	AA076264, AA085092, AA080989, AA063334, AA075694, AA084890, AA069099, AA084855, AA084814, AA078759, AA083056, AA083017, AA074846, AA070575, AA069969, AA082755, AA075614, AA075818, AA100017, AA070377, AA070995, AA065075, AA113255, AA070965, AA070321, AA075784, AA075592, AA085065, AA134716, AF093677, L07095, V00711, AB042523, AB042524, AB042809, AB042432, AB049357, L07096, and I62858.
HUYHD12	106	921707	1 - 2708	15 - 2722	BE279461, BF795181, BG108619, BF309103, BE733125, BF027564, BF309068, BE296065, BE281099, BE298511, AW410246, AW409779, BF526623, BF308487, BE298767, AW271999, BE299141, BE298938, AW070334, BF309208, AL810901, BE221973, AL699310, AA029642, AL435095, BE388330, AL705687, AW510727, AW470549, AL862580, AL394548, AL272685, BF589734, N98473, BE233075, BF475345, BF434507, BG059921, AL809960, AL702024, BE779192, AW073339, BE221682, BE856254, BE044436, AW410326, AL763319, AA029710, BE302520, BE465271, AL701495, AL017268, AL799592, AL401766, AL392786, BF308873, BE270326, AW131646, BE390072, AW593466, AL371702, AL638231, AL655706, BF939266, AL669175, AW409726, AL704980, BF308645, BE859057, BF593536, BE205950, AF663740, AL660022, AL278134, AA652035, AL039563, BF056862, AL570638, AL204500, AL663740, BE294172, AL340928, AW294855, AL424041, BF196199, AW237311, AL459219, AL766885, AW016416, AL203132, AA504431, BE551227, AA447758, BF111136, BF910708, AF7552, AL767238, AL421493, BG231658, BF740107, W56299, AA279292, W55871, AA845967, AL340930, W76092, AL870442, N49400, N66084, AL051272, R49397, AA834166, N92406, W61301, A977863, AA279270, AA453689, N49489, BE279899, AA039564, N51462, BG054588, R73170, A911075, BF475817, BF851978, AA769921, AL378019, BF224168, AL928755, AA379570, AW260014, AW592153, AL886020, BE044396, BF852201, T47196, BF852157, T90531, BE081267, AA300798, AA323087, H69590, AL653392, W72845, AA323218, BF054948, BF111142, T83066, W24631, BF924523, BG149504, AL886244, W65365, BE075405, W24197, AL354659, AL19610, T81327, BF917322, N79047, AL880342, AW449928, BE218696, N46989, AL19132, BE219972, BF304931, AA504197, BE299549, AL370420, AL651959, R023389, Z42404, Z38611, AA676675, N53602, AL350904, BF205597,

HMVDQ41	107	922191	1 - 1980	15 - 1994	<p> TI15333, BE828535, AL451192, AB037836, and AX018071. BE908874, AA403039, AA4772356, AA890039, AF706233, AF796685, AW58911, W561103, AA639769, AF072993, A971384, AL400642, BE349391, AL19056, AL931654, A0291656, AA725449, AW752569, AT78287, A051080, A934509, A056195, A1827412, A0291642, AA252870, A278795, A077777, A1344740, AA855074, A2872208, N99681, AA625359, AL407796, A083793, A4510676, A035275, A277706, AA968653, AA482049, AL040845, AA004744, W36146, AL128102, A038120, AA926651, AL080622, W42934, A1241340, AL119232, A0938251, AA481865, BF939403, N62191, A1350660, AA846421, BE174045, AA928335, AA987944, AA805065, AA325681, A1188852, A2766586, AA401330, A1022609, W37593, AH59436, AA514539, AA480369, AA938533, AA694474, AA694542, AA642598, A085080, R55037, BF885412, A719065, A022981, R36922, A1868718, N94683, AW204000, H62802, AA284488, AA125812, H62716, H41118, AA639530, T49454, T49455, BF72108, A V698354, A W847806, H42251, T36167, A1350924, AA782685, AA252893, A1051453, R10302, AA214099, W86591, N76488, H42250, N59273, BE165692, AA781103, BF983470, AL191721, AA680383, H22403, R10303, N71946, W19456, BE142862, AA977361, H22370, W42869, BF935739, R55145, W37488, BF942272, BF942336, A1309601, R10631, R10632, N76744, AA213991, BF929098, T24749, AA725118, AW753876, R55007, AA090452, BE146939, BF772122, A1247921, AW028468, BF939755, A084241, BE348377, BF991587, H58310, AW058434, BF947830, BF991716, BF947297, BF991604, BF943751, BF947310, A W839223, BE075398, BF764247, BF846830, AL137496, AF303378, AF300796, T62236, T76219, AC023790, AL117345, AC005373, AC010326, AC006584, AF111168, AC010205, V00589, X57170, AC007182, AC007221, AB019437, X06789, AL133472, T00063, AF193582, AF193580, AF193585, AC007954, AF193581, AF193586, AF193587, X71804, AF193590, AC006449, X83747, X83748, AF193588, AF193591, X71799, X71800, X71797, X71802, AC026704, M0817, AC005409, X83746, X12811, AL109797, AL158824, AF193592, X12622, X16851, X58365, AC004787, AC007131, AB015590, X04309, AL162718, AF099810, AC005284, AL138976, V00647, L49597, X58368, M35175, X04398, K01374, X58367, M74438, X83749, X63147, J01861, M13919, M13920, AL135978, K01537, X63146, X63145, V01426, J01009, AC007955, A2745808, A2742468, AL050331, X56635, X56631, X63148, AJ237911, V00648, S73106, X56637, M13375, X56632, AF284748, AB001499, AF000350, AF284747, X56636, K03511, K03510, AB001495, AF250529, AB001492, AB001493, AB001494, AB001498, AB001503, M13921, X05867, AF250528, AB001501, M18680, AL031658, AC006120, and S73107. </p>
HODG103	108	922879	1 - 216	15 - 230	<p> AL670994, AA457520, A W008614, AA284465, AU147140, AA834633, W91945, BE879688, BE382371, AA179361, BF841870, A1221804, AL034369, AC008468, AC007394, AC006079, AF003528, AC006231, U96409, AL049834, AL132671, AL121875, AL049594, AC005274, </p>
HODHD14	109	922955	1 - 734	15 - 748	

HODDC03 HVCAG04	110	925296	1-528	15-542	AP001538, AL137787, AF022141, AL023693, AP001674, AC002478, AL008627, AL118508, AL161892, Z93015, AL445490, AL157359, AP001724, AL229041, AL033397, AC005837, AC005226, AC004460, AL445143, AC010389, AF245226, AC011294, AP001693, AC068819, AC020549, AF109076, AC004237, and AC010223.
	111	925735	1-1594	15-1608	AC009329, and AC020581.
HRCCE02	112	925837	1-1551	15-1565	A193626, BE271170, BE383990, A149665, A1909500, B126050, BF432379, BE392412, BF439382, BE395797, BF125134, A1884686, BE395381, AF742092, BE382616, A150789, BF939693, BF594242, A1859338, BE378674, BE350014, A1018769, A1338938, BF726459, A136838, A1907598, A148557, A1423162, A1635261, A1150931, A1459805, BE395206, A1765236, A1905459, A191683, A1919174, A1202043, A1173383, A16266797, A19087372, A19075549, R11723, A1937602, A19084249, A1419729, A1566797, A1419214, A1913995, H17965, A1725028, A199630, A127281, A19084248, BF054837, BF054680, A19075710, A19075743, A1263480, BG057775, A1971806, A1869176, A1834860, A19128849, A19780222, A1970361, A1574173, R17696, BF935708, A1775244, A1827444, A1969011, A1706146, A1665640, BF726644, A1173739, A1480207, A19496806, H06707, BF508715, A19082074, R14544, A19768971, H17189, A1949894, R43737, A1717094, R41205, A19727120, BF219218, R20352, A176783, A1767459, A1747689, A141302, BE386600, A1921975, H06756, A1862700, A1905024, A1582576, BE041936, A1140655, BE746601, BE736301, BF345141, A1299246, BE899287, A1138793, A19014802, BE477409, BF432460, BF125664, A1949893, A1817194, BE827461, A1102212, A1620332, BE858655, BF437279, A1960903, A1994321, A1266676, and A19034633.
	113	926067	1-2542	15-2556	A19082702, A1812938, N76185, N760396, A19058256, BF939004, A1890838, BF438133, A1800552, A1996239, A1774721, N39067, A1984011, A1904521, A156754, A1573698, N95736, N63430, N64772, A1836623, A1890829, T56007, H28396, N48422, H28371, and Z82254.
HHRA91	113	926067	1-2542	15-2556	A1924593, BF305985, BE793458, A1411525, BE746024, A1411524, BE745264, BF792014, A1845240, BE378421, BE272083, BG036629, BE273980, A1684577, BF340012, BE873767, BF033645, BF984116, BF980548, BF306936, BE780737, BF436316, BF968031, BE392778, A148420, BE777873, BF970020, BG254594, A1707425, BE898179, BF969458, A1442297, BF307860, BE176556, A1921390, A19083114, A1432643, BE857417, BE908252, A1434090, A19135378, A1907799, A1907302, A1559576, BF306438, A19088122, A1577937, BF855709, BG114638, BG005738, A1437232, BF196470, BF850283, BE005441, BF803784, A1558517, A1952737, A1848212, BF810029, BE076317, BF804862, A19020952, A1454362, A1357638, BE277274, BF741455, BF933621, A1834236, A1653389, BF837849, BF964440, A1479851, BG011157, H53665, A1674310, BF741442, BF799562, A1496510, BF964440, BF033991, BG170573, A19292897, BE396149, A1482849, A1477491, A1973725, BF807612, H53626, BF968611, C01952, N41205, A1430740, BG222431, BF765880,

HAGLID.82	114	928396	1 - 1864	15 - 1878	A1277437, AK022597, and AK000530.
					BF038718, AL052255, A1627552, BF433190, AA890036, AW467145, BF513360, AA679966, BE567783, AA922501, A1655727, N95443, AW613958, HI5351, AL308231, AA678372, BE567435, AA861702, AW661963, AW661972, AA844485, AA768243, W69720, W69848, AL025683, N42789, N69505, A1271962, A1953406, AA398963, W24323, A1004883, A1564406, N14180, AW296874, N76230, H11150, A1005413, A15398826, A1770002, AL061173, A1147037, R39153, AW859636, AW859227, Z45949, N54527, A1672289, BF056666, BE774830, R01400, AA811935, H15726, AL080087, R01399, A1611688, AA91284, AA582554, A121777, AL079910, A1569086, AL888441, A1298710, AA4468923, AA593471, AA565426, A1733856, A1285696, A1040051, A1332989, A1471691, BF842195, BF337291, AA346586, AW327624, A160117, A4678436, AA302970, A1763538, A1917132, A191418, T15897, AL035455, AL049985, AC016831, AC004543, AF017104, A139182, AF200465, AP000963, AC009294, AF025388, AC074331, AC007386, A136305, A122001, AL035451, AC004965, A1229041, A1109919, A1133238, AP001732, AC007405, AL049696, AP001696, AC020898, AL078462, AP001601, A1117337, AB042031, A121897, U89335, AL333739, AP000472, AC008534, AP002529, AC006195, AC007390, AC007376, Z97985, AC018897, AC006479, AC009493, AP001683, AC007364, A1117187, AP001698, AC005772, AF015720, A1021939, A1356503, AC020655, A1133355, AL078593, AC064878, A1139395, AP002533, AC007221, AC004804, AL049643, AC007545, AC009223, A1133839, AC002525, AC007388, Z84470, AC009179, A1136084, A1121578, AC003899, AC004385, AC005911, AP001712, AC006197, AL022310, AP001706, AP000518, AL049712, A107258, AC005066, AC004547, AC005701, AL080317, AL031733, A1163268, A1354872, A1391374, AP001697, A1359704, A137067, AC007842, AP001669, A1136139, A1160033, AF003529, A1031985, AC007157, Z97181, AC006144, AC069298, AC005326, AP001328, AC007077, AC004655, A1391986, AP001700, A1021528, AC008896, Z70272, A1354720, AC007316, AC007102, A1161804, A1050335, AC007653, AC007528, AP001677, A1133284, AL049588, A1117333, AC009468, AC024162, A1122037, A1188025, A1049759, AC009406, AC083863, AB020868, A1445188, A1136300, AC009470, AC004817, AC011248, A1109828, AC007907, AC004865, AC025765, A1160191, AC069026, AC008842, A1135744, AC004867, AL022717, A1121757, A1138958, A121583, A1445604, AC010596, A121919, AC011890, AF027390, AC010363, AC006019, AP000466, AF765340, AC005324, AC007790, AE000660, AC010165, AC007597, AC007563, A1035458, AL022719, A1022165, AC005822, AC002288, A1132718, AP002898, AC011452, A122002, A137143, AC008074, AC020866, AC026197, AC002472, AC022013, A1031768, AC019171, AL049709, A1050310, AC002422, AC005071, A1152773, A1109801, AP001672, AC007050, AP000355, A1137851, AC004047, AP001694, A1389983, A1157413, AC008071, A1117338, AC009506, AC027689, AC000003, A1121593, AC004103, A1050307,

HWBDS34	115	930484	1 - 3044	15 - 3058	<p>AP001346, AC007845, AL035633, AJ006996, AC005058, AP001172, AC008079, AP001598, AC022274, AC007262, AC006205, AL390755, AL096776, AL158832, AC003071, AC004053, AL049745, AA025596, and AL625270.</p> <p>AU130359, AU118383, AU130640, AU127870, AU127056, AU128471, AU129803, BE886921, AU188126, BE889704, AU128544, AU114658, AA79297, AU956493, AW188141, AU045312, AI553970, BF002729, BF671616, BF061427, AI139399, AA408422, AW150344, AU150128, AU194584, AW131406, AU087872, AU1004128, AA887912, BE705834, AU801388, AU010422, AU194501, AI500467, R66419, BE150925, AU117686, H83832, AU973155, H08158, AU10805, H83831, R01915, T75488, AA058677, AA471337, ZA1823, AU774580, AA010394, BE041711, T75527, R52813, AU00145, AA214136, AW014661, AU10431, AU798347, R57531, F03794, AA213958, R01963, BE838102, BE707063, BE706963, T86495, R52845, BF110371, AK027051, and D87466.</p> <p>BF033707, BG116039, AI820052, AF940969, AW188045, T26603, AI674067, AU091805, AA477591, AA480288, AI218039, AI300906, AW978872, N71816, AI936666, AI245622, AW194052, AA291409, AA639600, AA778322, BG057053, AI334794, BF732599, AI378435, AI201307, AA918657, AW102947, H01857, AA861142, AI352598, AA302632, AU992931, AI560566, AU931399, AA87869, AU967258, AW081519, AI869896, H01858, AU698735, AA403312, AU936581, AA972408, AI025550, AA143416, AA781469, AW341711, AW003441, R46670, AA613528, AA5757047, Z92544, and AI91671.</p> <p>AA455081, AI263465, BF912280, BF912197, BF912198, AC004980, AI109626, AC006031, AC008774, Z83819, AL445590, AE000659, AC026188, AF003529, AL133328, AC023478, and AC034195.</p>
H6ESA39	116	933568	1 - 1250	15 - 1264	<p>BF684524, BF340318, BG107767, BF681126, AA497123, BE250611, BF673679, AI925369, BE778332, BE250414, AA497045, AI193675, AI125248, AV301040, AA001314, AA063616, BF109644, BF516348, AA039474, AA039475, NY1255, AW630056, AW613821, AD91147, AW970517, AI306650, AI128891, AW627576, AW315210, N92376, BF446911, AA781865, AW007579, AA467823, AW630816, AA938705, AA706012, AA467879, AI695530, AA040221, AA831695, AA541653, W73974, AA872459, W72343, AW103804, BF637674, BF331452, AW605476, AA001684, N26022, D31084, AI245152, W19909, BF932204, AI583969, AI627230, AT07545, AA551882, AA578108, AV088337, AA036698, BF595605, BE841269, AA578193, BF931099, AW605475, BG153138, W24618, C02159, W04846, AW975002, AW979204, AW975037, AW976024, AW975942, AW975965, AW971975, AW972845, AW979127, AW972292, AW975032, AW979238, AW975031, AW975628, AW971403, AW976023, AW971404, AW975105, AW969680, AW979208, AW974801, AW975954, AW971968, AW969839, AW972721, AW969885, AW975952, AW970998, AW969791, AW975930, AW974786, AW970942, AW971732, AW975876, AW969673, AW970908, AW972319, AW971375, AW973254, AW979090, AW979106, AW979176,</p>
HPCOR06	117	933678	1 - 457	15 - 471	
HITFO06	118	933989	1 - 909	15 - 923	

						<p>AW979002, AW973213, AW973717, AW975971, AW975154, AW975981, AW972286, AW972377, AW975632, AW975966, AW974964, AW969643, AW973750, AW979294, AW970936, AW975149, AW975649, AW975028, AW973209, AW975025, AW975254, AW974785, AW974823, AW976511, AW974806, AW974658, AW975585, AW976031, AW974975, AW975027, AW975020, AW971326, AW975019, AW969852, AW971254, AW975990, AW972849, AW970889, AW972867, AW975692, AW973220, AW970969, AW979290, AW975959, AW979169, AW973819, AW969816, AW973185, AW979212, AW975919, AW974802, BG151745, AW971378, AW975634, AW975015, AW979054, AW969861, AW974226, BG153750, AW972660, AW969727, AW973814, AW973775, AW973217, AW969768, AW975896, AW973779, AW976003, AW969874, AW976000, AW975434, AW973262, AW973270, AW970113, AW972884, AW973202, AW972695, AW973805, AW972719, AW976515, AL039074, AW975976, AW979165, AW976510, AW971954, AW972680, AW975975, AW969884, AW972943, AW969759, AW979083, BF592735, AW976982, AW970587, AW973650, AW979175, AW969931, AW973986, AW979064, AW975938, AW975016, AW975138, AW975968, AW970921, AW969766, AW972709, AW979116, AW972806, AW973987, AW975910, AW975943, AW972689, AW972706, AW973164, AW974374, AW970097, AW973824, AW971964, BF588769, AW975904, AW974379, AW969752, AW976037, AW973718, AW973967, AW975933, AW973734, AW973207, AW972882, AW973104, AX046357, AR060234, AR023813, AR066494, AR064707, A1279014, AR065455, A81671, and AR065456.</p>
HODFY08	119	935520	1 - 456	15 - 470		<p>AA747608, AW975995, AA252000, A1431918, AW886025, BF965611, A1621212, AW867016, AW645418, A1436124, BE048562, AW898294, AW880127, AW880440, BE081675, AW97462, AW880432, AW880266, AW946173, AW880359, BE170427, AW880049, AA228900, AW862989, AW899139, AA558500, AW796080, BE16601, BE010148, AW996482, A640849, BG057615, AW996413, AW893101, BE16610, BE170365, AW270207, BE000410, AA501690, BE27577, A721598, AW237896, BE181299, AW237940, AW996346, BE088714, AW795108, AA501719, AA557437, AA910096, AW063981, BE170597, AA503566, AW275631, AA259218, AW96170, BE091646, AW892925, BE082424, BE835169, AW946231, AW996655, AA640998, BE826780, AA713882, BE082418, BE826740, BF332416, BE091167, AW866936, BE082383, AW887658, AW894357, AW946277, AA715611, BG059116, BE089449, BE826743, BE170594, BE826769, A613748, A658572, AW880433, A225819, AW946266, AW238729, BE835200, BE835202, BE082440, BE080195, AW965798, BE079906, BE079912, AW865618, AW880070, BE082419, BE082423, AW880128, BE082457, BE827556, BE816607, AW868862, BF478324, AA226655, AW796081, AA632977, BE168364, AA538278, BE699508, AW894540, BE16614, A1170820, AW834606, AW892161, BE089273, BE816615, BE183896, AW821605, BE007276, BE089602, BE184051, AA650193, BE082421,</p>

HRACK27	120	935717	1 - 2723	15 - 2737	BE835160, BE089293, AW903394, BE089284, BE083828, BE826770, BE089347, BE163413, BE826782, BE835197, AW866656, BE826771, BF735344, AW887483, AW899343, AC006020, AL049780, AC007055, and AL132855.
					AT97673, BF222825, A638276, BE784408, AV684863, BF217945, AV712945, BF185949, BE707564, AW83071, AW200244, BF949779, BE502956, BF674065, AA999982, BF572901, A1379012, AW237408, BF512700, BE671433, BE221745, A1439170, A1634105, AA256584, A1672401, AA094964, AT42625, AB25484, AW129743, N15400, AA570413, R17726, R20014, BF593101, H50174, AL287883, A1478134, AW183869, AA629865, A1984609, AT760492, AA126804, A1979187, AA256541, AA400198, A1287866, BE044058, BF954310, AA353809, AL040798, N32088, R14618, AW087798, AA687346, A1949879, A1262174, A1927259, A1912920, AA263622, BE771761, BE590031, AA935907, A1927253, H50126, BF886641, R44828, BF886649, BF957504, A1370543, AW381072, AA400357, A1193434, A1470872, A1473255, AA856870, AB037795, A1133045, AB050258, and D16899.
HRACW30	121	940639	1 - 1092	15 - 1106	BF976230, BF976543, BF663472, BF976289, A695127, BF976253, BF663327, BF976434, BF664290, BF975568, BF975451, BF976042, A703739, BF663671, BF662874, BF975121, AV724840, BF129120, AW575927, BF128686, AW406521, BF664479, BF675606, AW604752, A651251, AV712126, BF106245, AV683248, AV702504, BF976443, AV682465, AV711839, BF976623, AV696029, AV606562, AV696611, BF665321, AV700457, AV700525, AV696032, AV646747, BF663670, BF663052, A575963, AV688963, A6950221, BF975235, AW575415, AW575346, BF106080, AV646708, AW575364, AV733319, BF975905, AV733390, BF663197, BF681319, BF663098, BF664317, AW404714, AV686096, AV683109, AA522693, BF526853, AW864112, AW961249, AV651284, BF974584, BF087519, BF663982, BF664384, AW604755, BF663385, BF664333, AW951137, BF340407, BF975821, A1354387, AW406081, BF976602, AW383594, AW379839, A1569037, AV360231, A1344387, AW406564, BF795850, AW574024, A1021456, BF976146, BF106352, BF976244, AV635568, AV705457, BF976259, BF75248, AV605034, AV380142, AW964425, AV734918, AW576109, BF878285, BE149494, A1432569, AV720327, BF663826, A1694098, BE711071, A1208910, BF881717, AV688287, A1355534, BG107363, BF976423, AW856063, A1254719, BF878299, AV687177, AW582319, BF337917, BF976649, AV698744, BF869617, AV405980, BF883209, BF829419, AV404417, A1909066, BF128841, BF106055, AW383598, BF795261, BF810843, BF829419, AV405980, AV605817, A681466, BF870064, A1470799, BF663663, BF105950, BF812159, BE932420, AV383602, BE939490, A1347602, AV6838450, BF128387, BF878293, BF976618, AV383597, BF883316, T58152, T69330, BF878296, AW405753, AW793702, A692958, AV734331, BF829413, AV383454, AV734312, AV690568, AW383452, BF842477, BF664084, BE064617, AW794639, AV682898, AW383536, AV690475, AW383539, AW383625, AW864088, AW382758, AW391263, AW383549, BF829086, BF828085, AW383591, A1933674, AW406495, BF337912.

[illegible]

HOI/OC32	122	941969	1 - 1883	15 - 1887	<p> AI358445, AI362109, AI365277, AI365311, AI370320, AI371360, AI371860, AI214522, AI215198, AI453378, AI445212, AI445980, AI434073, AI434136, AI439499, AI432004, AI43147, AI492764, AI418626, AI418713, AI475324, AI471449, AI499556, AI499982, AI500126, AI492749, AI524363, AI540661, AI499245, AI499458, AI566466, AI566627, AI567410, AI569167, AI569991, AI570121, AI571089, AI571435, AI571446, AI571637, AI572059, AI584059, AI125041, AI623344, AI623818, AI624589, AI624673, AI627906, AI174298, AI653571, AI653821, AI246108, AI253496, AI253563, AI253674, AI23721, AI253762, AI580116, AI279542, AI587628, AI589408, AI590046, AI597792, AI597961, AI589040, AI610117, AI610862, AI634335, AI634929, AI635183, and AI635222. </p> <p> AL532432, AL532431, AL132058, BE798843, AU139276, AU119208, AU138608, BE791919, AU042862, BE619080, BE619600, AU137132, AU138251, AU139095, BE736021, AU139250, BE736975, BG166907, AV702693, AU135166, BF680307, BF724892, BG032973, BF694955, AU117328, AV699036, AL080042, BF338982, AV689938, AV689938, W02541, BF126282, BE439809, BF377282, BE047356, AA410911, AW374122, AV691776, BF762187, AW957493, AV687261, AW629925, BG252180, BF762186, BF367040, AL535766, AW899940, BF951967, AA053196, W45135, BE831552, NQ2471, BE545515, AV654362, AA813270, AW892301, BF356093, BF855109, AI459881, AV763974, AA336819, AA373756, TR3705, AI669408, R96269, BE246428, N73356, BE677673, BE241862, Z18911, N39900, AA345382, AA090019, BE996474, R17144, H99188, AW615320, BG010667, AA294859, AA089600, H04517, BF576026, BG236821, H23366, BF889430, AW390191, BF061792, BF968205, AL046849, AI613017, BG058208, BF882343, AV727776, BG110684, AW059837, AI249257, BE781369, AL040243, AI633419, AI828731, AW129202, AI284020, AI273142, BF970449, AW196141, AI554484, AI912866, AI702406, AI445165, AI702433, BG164371, BE047952, AI872711, AI568870, AI952360, AW118512, AW131954, AI612920, AI349933, AI690312, AI570384, BF724691, AW071417, AV1002342, AI569616, AI475451, AI799199, AW082040, AW169671, BG179993, AI610756, AI866002, AI439976, AV132034, AI678302, AI499463, AI610645, AI636445, AI043326, AI811344, AI571551, AI120854, BF055737, BG031664, AI224992, AI554427, BE963918, AI636719, AI591553, AI269696, AW071349, AI868831, BF792469, AI498579, AI590120, AI922901, BF795712, BF344652, AI349772, AI648684, BE964700, BE964812, AI857296, AI537677, AI539771, AW301409, BF812933, AI866608, AI866100, AI269862, BF343172, BF341801, AI308032, AI862144, BE544111, AI440239, AV732936, BG180034, AI612759, AI491852, AV733533, AI045266, AI273048, AI12227, AF153979, U49188, AK026045, I48979, AF219137, AI133640, I89947, S68736, A93016, I89931, AF218014, L31396, L31397, AF113676, AF125949, AF104032, AF090903, E03548, AX019230, AK026855, A08916, AI133093, AI338978, AF116644, AF138248, A08913, AI133565, AI335956, AF116649, AF116639, AF113013, AK026865, AF078844, AF130082, AL050393, AX046603, AK026741, AX019229, X84990, AI133557, AF116602, AF116645, </p>
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HTTDM15	123	942511	1 - 1895	15 - 1909	BE588352, BG107414, BF314540, BE5898459, BE746984, BE542496, A W958579, BF573504, BE734208, AU125474, A W953779, A W292502, AU802426, AU149129, BF575571, BG031927, AA436628, AU150986, AA076638, AA046746, BF081743, AA046670, A W294732, BF095716, A W673051, A W601449, A W601455, AL601235, H66950, H66951, R85357, AA363520, R40736, A1202299, BE092409, AA363830, BF085875, A W749014, A W190087, AA808657, T98596, A W890216, T98595, AA355808, A W101914, A W079565, A W377204, A W377198, A W377106, BE699057, A W377170, A W752839, A W362224, A1223245, BE186054, BE832662, A W579894, A W579890, BE876022, A W377180, AB007866, and AL109823.
HOVAY63	124	944031	1 - 729	15 - 743	R32912, and AL022725.
HDPFY41	125	946502	1 - 2106	15 - 2120	AL042656, BF982270, BF678765, BF095732, A W971745, A W681512, A W681529, A W681509, A W681500, A W681492, A W645393, A W645392, A W645385, A W681526,

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HCOPB92 HBH083	126	948608	1 - 466	15 - 480	YI14971, AR019096, A93444, A46342, A46343, AB026436, AR055065, AX046357, AX040911, AR054110, A30600, AR032878, AR055066, AJ251859, AX030435, A81671, AR066494, AR060234, AJ279014, and AR069079.
	127	948708	1 - 963	15 - 977	
HWMEO44	128	948719	1 - 3170	15 - 3184	AC000120. AW139587, AW206289, BF439766, A418005, A1196170, AV721569, A1493150, A1539840, A827263, BF525553, AA342835, AV723060, AL135079, A0992466, R84740, A018860, AA889455, A0329948, A086195, H03897, A0136660, A052553, AA335442, R96455, A341838, R96454, A1204085, AV277153, A1004047, BG253018, A1916309, BE129764, BF439900, A1123630, AW339238, A521073, A1144557, AA935749, AW207577, A1269030, AW513165, AW611961, A1554132, BF435547, AW604457, AA777781, AA946701, AW604440, A1184875, AW578528, BF945235, AW205588, AV720037, AV737309, AW373058, BE706100, BG026120, AC007276, AC009276, AC078847, AC020910, AC008760, AC02143, AC008747, A1117337, AF205588, AL050308, Z98950, AF030453, AC005088, A110162, AC005919, AC003682, AC009196, AC011449, AC007793, AP001748, AP001630, AL356234, AC022150, AC005229, AL031432, AK022963, AL031846, AC006987, AL031602, AC008969, and AA583226. AUI37551, BE395366, A1304317, AWR73045, A1860936, BF055055, A1394148, A1807018, BE930782, AUI57883, A1131366, BE930853, AA862613, A1377403, A1216958, A1279884, AW475600, AW297366, A1951292, A1801182, AW206733, AA659802, A1217181, A1807789, W35110, A W044562, A1263384, AA626115, A1217167, BF886019, AW474787, A1133838, AW438973, A1478424, A1350993, W23677, AUI39094, H48882, A1784505, A1873664, A1133857, BF478061, BE547913, BF973166, BE154191, BE814299, A1015764, A1520921, AA295407, BF4780817, A1826302, BE002337, A1891052, AA310690, R86154, A1718930, A1890831, AW999311, C02402, AAG69161, BF094289, AW612303, AA506435, F05073, BF931686, A056063, A326471, A W962216, A4485879, BF916803, A814996, AV995444, A633940, A4628592, AA514284, AK023661, A1137608, AF038963, AF181119, AF191961, AC010139, A1138824, AC020647, AC004021, AC008179, AL356118, AC001625, A1217163, A1138996, AP001747, AC062033, AP001626, A1359693, AC003704, AC009262, AC004863, AC005686, A1445465, A1158159, AL031073, AC007021, AL034452, A1355382, AK021584, A1118498, AF270569, AC009113, A1158033, AC018900, AC006988, AC078937, AP001039, AC007749, AC009410, A1136300, AC009757, A1359694, AC007455, A121933, AP001732, AC007392, AC010361, AC005017, AC007363, AC096322, AC012405, AF131798, AC005521, AP001671, AC004231, A1355492, A1022719, A1391818, AF130359, AC005815, AC008177, AC009294, AF212831, A1356954, AC010180, AC006024, A1136501, AC007677, Z80771, A1049833, AC008123, A1138714, AC008952, AC026239, AC008838, AC009365, AC004108, A1163213, AC004078, AC005948, Z54246, AL357129, A1159996, A121947, A1096828, AC009362, and A1310056.

HFJA96	129	949001	1 - 1041	15 - 1055
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HMSAC18	131	950257	1 - 1201	15 - 1215	AL518683, AU118408, AF192811, BF435451, AA478198, AL435141, AR033046, A4478040, AW206706, AW367708, AA846117, AF028295, A928295, AK024084, and AF178985.
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HAPRB43	132	950475	1 - 2152	15 - 2166	BF338835, BF793959, BG260639, BE971421, BF029896, A1654147, BF132023, A1810992,

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HC00455	133	956895	1-831	15-845	<p>AJ2444005, A91965, AJ2444004, 144681, AX009487, AJ244007, AX026823, AX021518, AX001322, AX026824, AR062872, AJ244003, AR037157, AR062873, AX006816, AJ0702, A20700, A43189, A43188, AX006825, AX001082, AX006822, Y09813, AX023272, AR008429, A98767, 115717, 115718, A93963, A93964, 163120, AR038762, A98420, A98423, A98432, A98436, A98417, A98427, A84775, D50010, A87692, 108396, X33865, A84772, A84776, A84773, A84774, AX047064, AR054109, AX006821, AR067731, AR067732, A35822, A91750, A58524, 108395, A58523, A93016, 105558, AX047063, M28262, E03672, AX011024, A18053, AR031566, 148927, A90655, AR096545, A102162, A60209, Z32836, A60210, A60211, 162368, AX003207, A02712, 184553, AX027636, AR073846, 184554, A77094, A77095, AR080470, AR077142, A81878, 100682, AX033488, AX033489, AR096950, AX033490, A95051, A18050, AX012337, A23334, A75888, 170384, AX033474, AX033486, AX033487, A49573, A60111, A23633, AR007512, 149890, A35536, A35537, A1623, E00609, A11624, A02135, A04663, A04664, E13740, A11178, E01007, AR095492, A22738, AX006823, A10361, 106859, AX043601, A11245, AX032992, AX032993, 103331, A2707880, A02710, E12615, AFI49828, AX018504, AR035193, A92133, A13304, A07700, AX020781, AX027809, A13392, A13393, AR031488, 113521, 152048, A27396, A02077813, AX030369, A70872, AX030368, AR069374, AR027100, 144531, 128266, AR069375, AX034377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, AR083082, AR083089, AR085091, 121869, AX042373, 144516, A70040, AR085079, E16678, A82653, AR085083, AR093385, E16636, A95117, AR093392, AR074365, A24783, A24782, AR095490, AR095491, 101995, 108389, 125027, AR069426, AR038066, AB043473, 126929, 144515, 126928, 126930, 126927, 108051, 160241, 160242, AR069417, A20699, E00696, D13316, E00697, AX001330, E03813, AR093384, 166482, AR009151, 166483, AR009150, AX004550, AX036660, AX036661, 166498, 166497, 166496, AR070327, AR077099, 166486, AX023553, AX003194, AX023548, AR072540, AX030726, T94623, N59841, N76372, and AA226738.</p> <p>AA508185, AX0507469, AX027643, A43622967, AA5587020, AX2186328, AA675917, A1826640, AW004708, BF680504, A1038837, A1039074, A1037051, A1036725, A1039564, A1039109, A1039108, A1039156, A1039128, A1038531, A1039659, A1039625, A1039648, A1039629, A1039678, A1040092, A1039150, A1045337, A1037726, A1039423, A1042909, A1039410, A1039085, A1045533, A1036973, A1044407, AW374686, A1039386, A1039924, A1039538, AW979228, A1038821, A1044530, A1036418, A1037576, A1036196, A1037639, AW975143, A1039566, AW973200, A1039509, A1038025, A1043445, A1037615, A1043444, A1721017, A969885, A9276663, A1045341, A1134524, A1036767, A743601, A1045794, A746102, A9758878, T24119, AW064110, A1043432, A9718844, A9720464, T24112, A9738934, A9701012, A9701118, AW979144, AW969911, A1036117, A9737584, A201183, A9703423, A1036924, A1037082, BF294065, A9717989, A9717980.</p>
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HKBAL08	134	958219	1 - 852	15 - 866	<p> 118371, AR025207, AX006820, AX035632, AX035630, AX035631, AX035629, AX006819, AB037923, AX006818, A38214, AX033488, AX033489, AX033490, A44171, I56772, I95540, AR018924, AX033474, AX033486, AX033487, A63067, A51047, A63064, AR018923, A48774, A63072, A48775, AR068507, AR015960, AX006823, AR000007, AR015961, AR068506, AR079804, AR036905, AR072501, AR072503, AR072502, AX023549, A25909, AX023550, A1244003, A1244004, A1244005, AX001082, AX046223, AK020969, A67220, AR035974, AR035976, AF761964, AR035978, X73004, A83477, A85396, A98767, I19516, A93963, A93964, I63120, AX008555, A95052, AR043602, AR043603, A95117, AX023555, AX023554, AX023556, AX006817, A23998, AX023552, AR095490, AR095491, AX023547, AX023551, AX023546, AX021518, AX006821, AR037157, A86792, AX042372, Z96142, AR054109, AX003194, A97211, AX006825, AX006826, AX006822, I00074, A64081, A58524, A38523, A24783, A24782, A81878, AX006824, AR069650, A15078, I03343, AF156296, V00745, AF261959, AF261960, AF261962, AF261963, AF261967, I03663, AR036903, D28384, I03664, E14304, I19517, AR096518, A27396, A76773, AX000085, A22413, AX042377, AR091518, AX042375, AX042373, A49045, E16678, E16636, AR093392, A82653, AR072500, AF261968, A93016, AF156294, I01992, and I25027. </p>
HKBAL08	134	958219	1 - 852	15 - 866	<p> A159822, AA722571, A5961088, A5813731, BF953169, T47819, A4297068, Z40359, AR09654, T47848, A5384795, AP001711, AP000248, AL136295, AC004867, AP001748, AL135243, AC004166, AL354720, and AL158830. </p>
HKADF15	135	960658	1 - 2143	15 - 2157	<p> AL1537210, AL533136, BF345427, A5149077, A1189363, BF725380, A1052124, A1972848, AL336302, A1816720, A1928180, A1055174, A1148561, A5026468, A5072848, A1889989, BG163656, A1678779, BF966582, BF349689, A152007, BF344992, BF337402, A733778, AL533137, BF969402, A5964811, A5702560, A5752950, A4411195, A4632007, A1754763, A1725935, A1876659, A4488502, BG012437, A4411095, A4488517, A5380192, W81692, W68748, A733973, A128063, A579881, A037211, A4488385, AL535898, A581075, W29006, A127593, BF958186, W81283, BG000741, A581079, BE138892, BE856061, W81693, A4479844, A4044753, A107190, A1005306, A1186718, BF382521, A128816, A4838684, A112161, A4937185, A1128549, BE765227, A4488370, A1038838, A510870, BF590113, A5241743, A191854, A4634260, A575760, BE597900, A4946838, A122640, BF799431, A5150233, A1807683, W67176, BG000745, N39772, A1610621, A1126866, A5088704, W68726, W94696, A1189831, A1423369, A1167706, A1750804, H09725, A5014642, A4682978, A1186659, A701245, A5725200, W17262, W47107, A1620250, A5085753, A1635999, BE243694, A745950, A102171, A532122, W69696, W64609, A1066654, A4186789, A1183311, A1038848, A138433, W80472, H10483, I95046, A5005675, R53237, W45566, A1750805, BE714469, A4186646, BG009129, A4705736, A1375026, BG013718, A1742719, A1096392, A5970331, A1189681, H42958, A1831119, R64072, BF726628, A4181038, A4083962, W67175, BE168843, T15745, BF934277, </p>

					AA927755, AA074445, T35729, BF989644, T94312, R69632, AV711339, AA373910, H42889, AI086978, R22231, AW021831, AI200127, AA860791, R70843, AW801877, W60128, AI282288, AI160698, R63703, AI095362, N78832, C18770, F07134, H25800, R23238, AA779133, R69777, AI141372, AA186934, N92803, AI493541, BE074157, AA441966, AD45562, T41231, T52692, T15941, R76911, AA670487, H28629, T52691, BF594227, H26540, AA709438, W80580, AV745873, H75744, R77081, AA548872, BF085005, AA866101, AA737142, AI879858, AI751382, AA055347, BF085040, AA729410, AA377816, AI349098, R40236, AA128020, BF085041, W60050, AV746593, AA665901, AW074636, R63747, R22703, H23452, H115931, AA479722, C00016, W47231, T95142, T94663, BG001917, T57580, AA853413, R23580, AA853414, AA908304, BF858261, BE767687, AA367100, AA853917, AA349615, AA476373, AA852169, T40380, BF928757, T49076, H16043, BF992287, R45093, T06049, AA340884, BF992295, AA366834, F08513, AA188018, T55354, T34849, R80772, BF992293, W84590, Y07921, E12965, D87258, AR095627, AF097709, AP070555, AX015404, AF097707, AF179369, AF172994, AF157623, T74320, AF097706, AF097708, T74321, T74306, A62298, A62300, AR050070, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336, AX009338, AX009334, U94592, AX047063, AX047065, AX047064, A82595, A82593, Z30183, AX040581, U45328, AX046743, AR025466, T49075, T50999, T51087, T58082, T61154, T63806, R07603, R07604, T80106, R22289, R26453, R28462, R32652, R43408, R43408, K63906, R07889, R80771, R86274, R86275, H75878, N21446, N26329, W25048, W33100, AA044675, AA055346, AA181932, AA358933, AA613803, AA639432, AA962499, C17153, AA476323, T24693, D29346, F01873, F05610, F04728, T82292, AI245130, AI269807, AI335427, AI367112, AI201996, and AH53252.
H06ES55	136	961337	1 - 1963	15 - 1977	AW182452, BE220716, AI890424, AI640137, AW474326, AW130973, AI056660, AW150989, AI288965, AA242985, AW793562, BE250569, BE465736, AI744015, AI651429, AI636121, R06846, AA251971, AV650220, M91487, AI985781, R06845, AV363115, R02003, BG057194, and C01117.
HKZAJ14	137	961458	1 - 1254	15 - 1268	AW976735, AA883247, AW317020, AI091039, BE349081, BE221788, AI080490, AV009024, AI421443, AI141417, AW838561, AB335982, AW020988, AI332667, AI003921, AA740607, AI373690, AA24587, AA400517, AA972391, AI379240, AA633581, AI370902, AA620797, AA757270, AA909500, AA424632, AI680616, N32107, BE858145, N56779, AI870568, R71439, AI270464, AI085139, R43738, Z41046, AA225666, AI767739, AA502917, W37208, H00748, BF511394, BF887497, AI270546, AW271656, AI791895, AW805578, AA225611, AW370265, AI041562, AI295356, R89180, BE671252, AA809663, AW183464, AW838715, AW838708, AI036881, AW002912, BF764614, AA805240, AI872415, AI51544, BE143557, AW299713, AW367344, BF875698, N74449, Z19142, H54493, T50149, D29384, H73186, H90881, AI133051, AF227906, AI021329, AL157406, AL157381, Z83843.

	HLHAE14	138	962362	1 - 2040	15 - 2054	AC008351, AL109612, AP001696, AL136455, AC016689, AL109799, AC005204, AL139810, AP000340, AP001761, AC003049, AL135790, AL031054, AC010168, AC004106, AC004853, AL118496, AC068999, AC050114, AP000217, AC018698, AP00529, AP001731, AP001606, AP001605, AL118507, AL445188, AP002027, AC040163, AC010491, AP1188025, AC010419, AC002066, AC007558, AL121823, AL022397, AC003968, AL049765, AC006978, AL133269, AC007316, Z82194, AP000081, AL133229, AC004025, AP064860, AL161771, AC006287, AP000528, AC007683, U66059, AL034375, AC010627, AC010142, AL138144, AL109931, AC007132, AC005245, AC035604, AL035542, AC004453, AL139115, AL163280, AP001683, AC007920, AL135936, AC016898, AC004981, AC022309, AC006324, AL034369, AL360078, AL121582, AC012087, AL445669, AC011504, AL049646, AC005837, AC005227, AC000059, AC009196, AC009313, AC006265, AL1354793, AL137251, AC007963, AL1354866, AC007051, AC022203, AL162718, AL121590, AL049565, AC008739, AL139093, AL109919, AL132994, AC006026, AC007157, AB041731, AB020863, AC008534, AC004175, AC008468, AC002122, AL137013, AC008876, AL163218, and AB042031.
						H49208, AL248942, AL358780, H60492, H60446, AL243090, H49394, AP001724, AL031591, AC006924, and AC005234.
	HBCIN16	139	965190	1 - 868	15 - 882	AL078837, AL627369, AL564009, AL628545, AL690964, AL538855, AL860651, BF222277, AL683754, AL970793, BF436904, AL812041, AL829891, BF589851, BF032982, AL642553, AL560810, AL447093, AL359026, AL921985, AL664649, AL591110, AL083732, AL186881, AL827128, AL961526, AL125808, AL160064, BE898095, AL564610, AL624988, AL924700, AL278468, AL874402, AL483290, AL858390, NS2182, AL225074, AA766421, AL376593, BE396135, AA830375, AW473661, AL698343, AL986231, ALW950982, R89609, H78819, AL540430, R88929, BF691490, AA653492, BE382384, AL424782, AL241315, AL699227, RS9708, AL613142, ALW473446, AL244930, ALW051166, ALW193591, ALW797434, AA009760, ALW24968, BF221706, AL336173, AL923108, BF364662, AL128281, ALV733824, ALV57816, AC004602, X97966, X14479, X14047, and X72874.
	HCGAF29	140	965372	1 - 2309	15 - 2323	AL528207, AL124711, BF453523, BE740018, AL0124009, BE730967, AL132736, BE899077, BG261113, ALW968672, AW971799, ALH92156, ALW235604, AL880771, AL697107, AL638177, BF183859, AL148517, AL968089, AL624692, AL378254, BE349433, BF062207, BE505015, AL150234, AL154209, AL922229, AL775806, AW044370, AL086087, AL151386, BG105108, AL423984, AL278565, AL073529, AL203148, AL117988, ALW470396, BF827404, BF880196, AL135528, AL681665, BR445663, AL423985, AL481532, AW779281, AL127788, AL567161, AL266199, 193231, AL696723, AL655248, AL916500, AL811605, AL749400, BE927591, AL481598, AL523223, AL4531069, AL322577, AL696237, AL42014, H42014, 192694, AA743286, BE302733, AA258068, BF939161, AA417908, AA723166, AA418139, AL119399, AL119511, AL042382, AL042544, AL119457, AL043152, AL079794, AL134524, AL043168, AL675778, AL370623, BG166654, AL270183, AL613144, AL521799, N25033, AL368579,

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HA:HEF81	141	967634	1 - 702	15 - 716		

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HB/AB02	142	967807	1 - 1682	15 - 1696

HOUR01	143	968171	1 - 2007	15 - 2021	<p>AW517942, BE1714673, T59668, BE731030, BF939314, BE732766, BE745104, AI290469, BE747770, AI805651, AI961329, AA581089, BE902575, AW197375, AA974066, AI950259, BF802171, W27729, AV697783, AW777330, AA715365, AP968889, AA885542, AA160748, AA366371, AA335719, BF873961, W73105, BF223151, BE740826, AI120854, AA318192, AA501478, BF125073, AA581100, BE548914, AA658457, AP488155, AI621069, T59802, AA468354, AA503715, BF850755, A W956069, A W941506, AI144504, AA352215, BE897964, BF883404, BF733009, BE909290, BE168997, AW835521, AW280355, BG230749, BE776596, BE622839, BF923143, AK000069, AC015651, and AF147378.</p> <p>BF346477, BF970344, AI884801, AA233924, AI125760, H97661, H18098, H19086, H193252, AI085879, H11343, AI134720, N23132, BF926085, AI671245, BG056879, D81062, AA412275, AA552173, AA503379, R49191, H18987, H19618, R34661, AW590283, F04762, BG056899, BF947363, BF509640, D60732, AI870555, H19253, R07822, H11367, AI046639, and AL109677.</p>
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HDTIG18	144	968454	1 - 1566	15 - 1580	

HLB GD30	145	963949	1 - 3937	15 - 3951	
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HFHK04	146	969387	1 - 904	15 - 918	AC011327, A1949559, A1810510, AA203625, AW959632, AA702005, AJ991043, AW340445, BG251324, AA838409, AP061293, A1160070, A1160071, AA747429, A143612, A1730360, AA773195, AA682367, AP298831, AA961230, AD68727, BF793895, R83902, BG236172, BG109845, AA953598, AA704547, A1164555, W38306, N79799, BE9933639, A1864592, AA299329, A1140580, A1290669, A1186783, AW40342, BE164467, BE164468, A1139541, T91068, AA514600, A1195913, AA506397, T59891, AW816281, BF874763, D20437, A1283891, AA634125, AW965354, AA195432, BE25866, BE547821, BE741757, BF528086, BG378882, BE903000, A1111193, A1904111, AV728544, BF312864, AA318279, BE251694, C03377, AA310941, AW771668, AW964397, R59429, R98152, BE296575, AA370568, BE746935, BF793656, BE971409, A4411943, BE574705, BF316683, A780433, T91217, A11523605, AA524887, BE185262, BG169979, AA728871, AA328245, AF282903, A116968, U92052, A1354868, AC012072, AC020874, AC007511, A1135924, A1133332, A1078393, AC007796, AL049874, AC016831, AC013358, AC017082, AF020803, AP001614, AC079045, A1163280, AC007564, AP001251, AP001743, AC004963, A1135749, AF217490, AL450169, AC010849, AC0025809, AC009362, AC002352, AL031283, AP001679, AC005998, AC018641, AP001724, AP001669, AL023694, AL356414, AF015720, AC016816, AP001683, A122904, AC026409, AC005005, AL031387, AL031429, A1136504, Z98747, AF017104, AC008033, AC008560, AC004068, AC004889, AL035427, A1353748, AL035089, AF248484, A1161638, A1133387, AC018642, A1163227, AP001038, Z98946, AC005601, A1133467, A1133382, AL023805, AC034235, A1163227, AP001126, Z98946, AC005601, A1133467, A1133382, AL050336, AL034351, AC016689, AC007126, AP001819, AC017002, AC004896, AC004048, AP001732, AC037193, AP001711, AC003109, AC006062, AC010498, AC005515, AC002069, AC007156, AC004184, AL022401, AC010305, AC016602, Z86062, A1161731, A1133517, A1121654, AC008042, AC010582, A1122021, AP001715, AB014088, AC004998, A1132633, AC066583, AC005229, A1136529, AC004190, AC025577, AC005738, A1118524, AC006031, A1119841, AL078623, AC004815, AB000882, AF000506, U83196, AP002279, A1136359, AP005316, AP000106, AP000038, AC004968, A1179633, AE000661, AC010723, A1161717, AC008268, Z84480, A1157765, AC004053, AP000108, AC009044, AC005880, A1121898, AF241725, AC008543, A1139189, AC008486, A1356057, AL049844, A1132657, A1133247, AL050308, AC005598, A1117187, AC006337, AC005099, A1031316, AC025030, and A1118505.
HODI124	147	969841	1 - 834	15 - 848	AL041101, BG177845, BF216023, AA281685, N41356, BF350128, BF211006, BF668757, BF952699, and A1355305.
HERNQ16	148	970046	1 - 2887	15 - 2901	BF966722, AV706600, BF792757, BF976723, BE882014, A1149468, BF105008, A1138321, AA425241, A1724632, BF033996, AW578056, BF966526, AV746348, BF346432, AW752968, BF338848, AW263259, A1004242, AA037179, AA872675, NZ9085, BF955280,

HOFS34	149	973010	1 - 1006	15 - 1020	AA69935, AA913815, AA425190, AA88708, W92464, R49087, AV745531, R15894, N42047, BF351126, AW370682, AA400368, N49443, H23382, AV711898, AA400369, AA644429, W21227, BF754252, H96938, A-W401928, R86075, W92292, BF846791, N62409, BF891292, BE092775, AA193555, Z25009, AD16147, BF515567, N78483, BF755098, AA433929, AA814891, N93457, AA355548, AA295442, AA978114, AA603219, BE855678, AA825796, AD043824, AW182635, T78936, T08772, AL157620, AA724481, AW752327, AA193438, AH00285, AV701015, AJ358866, AA910165, AW351740, BF684919, BF8255736, AF432369, AW631129, BE259815, BF087116, AU124620, AU121144, AU788558, T78991, AA550092, N56946, AW657735, AL826826, AA971640, AV704599, AU50732, AL119173, A1038989, BE879922, W92507, AD246684, AU080258, N93740, N20183, AW902953, AA425759, AA486738, AD14476, H67025, AA907233, BF999810, BF885209, AC09155, AK022130, AK022752, AK001688, AB046832, AK024314, and AL137000.
HOFS34	150	973505	1 - 781	15 - 795	BE736746, BE379381, BE783584, BE378300, BE378075, BE515303, BE780958, BE614826, BE393601, BE394088, BE735483, BE392462, BE394406, BE378901, BE394632, BE378758, BE615872, BE388690, BE378357, BE387695, BE563033, BE392780, BE392047, BE395788, BE394179, BE392832, BE389364, BE389345, BE395181, BE392472, BE515219, BE615406, AA644826, AA453149, BE735871, BE392729, BE387682, BF210381, AA442802, AJ403128, AC007078, and AC004980.
HOFS34	151	973505	1 - 781	15 - 795	AL533548, BE789099, BG116125, BE887081, BG107890, BF700463, BE880927, BG030517, BF030381, AW957637, BE781717, AV733935, AV710046, AV718270, BF668753, BF669212, BF701113, BF129991, AV714563, BG254144, BE878731, BF701393, AV651776, AA314273, BE568697, BE545003, BF242902, BF666696, AV757896, BE904360, BF978924, BF665580, BF028073, AW351912, BF697317, BF037389, AA305370, BF213439, BF724466, BF241919, BF185721, BF692658, AA306430, BF667996, BE888408, BF964977, BF669293, BF183277, BF700414, BF211541, BF665260, AV707435, AW752399, BF244581, BE541632, BF680798, BF028474, BE960947, BF104162, BF029708, BF667913, BF695497, BF665760, H18045, AV701697, BF381984, BF699689, BF184304, BF185628, BE565642, BF244137, AW630212, AV655721, BE569124, BF131429, AA18455, AA315633, BF132852, BF031301, BF692251, BF668875, BF691021, BE779388, BF213025, AA186625, BF214411, BE568476, BE898217, BF664872, BF690925, BF031185, BF243347, BF958024, W79010, BE865509, BF674472, AA531308, AV714850, AA204997, BF665354, R80694, BF307415, BE567887, BF977109, BF106436, AV755841, BG025945, BE580064, BG0209271, BG240184, BF240785, AV682318, AV681563, BH314385, BF214694, H22737, BE168154, BF575790, BF664562, BF070667, BF215015, AA085686, AA001470, BF750591, W35909, BE168394, W20245, BF304400, BF725226, BF693954, BE865807, AA297247, AV661606, AA298432, AA298665, R64278, BF104127, BE813635, BF131056, AA297858, BF184679, W93867, BF757214, AV757484, AV759869, AA298833, BF241923, H21844, H00199, R93867, N25143, AA088796,

				AA311342, BF688082, BG013959, BF185554, AV759272, AA298837, AA154212, AA431132, AV712434, AA298834, BE092617, H40729, H50262, BF666320, Z45895, AA459602, BF792635, BF248219, A1879195, A1878894, AV746675, T54811, BF700100, AA297310, BF541763, W39740, BF093955, BE504467, W25405, AA297706, A1879578, BF848994, BF541763, BF696039, W28449, BE699018, BE768788, BE768801, BF353084, T10517, BE929505, BF573510, AA447414, BF085285, BF245173, AA192828, BF670186, N26355, BF093978, BE708343, AW364790, R15512, BE929384, BF248439, AF051894, AF288991, AF288992, AL121989, AF288740, AF267986, and AF267984.	
HTLHN94	151	974667	I - 1988	15 - 2002	BE393547, BE740719, BG251252, AF970830, A1478592, AV707783, AV728270, AV706183, AV706724, AV702427, AV727932, AV726505, AV701611, AV704974, AV659189, AV725927, AV706746, AV729983, AV709407, AV726067, AV725369, AV704592, AV728777, AV732002, AA744769, AV753374, AV658362, AV705020, AV702637, AV704916, AV723449, AV702798, AV751921, AV730781, AV751555, AV732149, AV730288, AV731744, AV731313, AV752043, AV731759, AV731708, N90871, AV730547, AV731977, AV757088, AV732155, AV710417, AV728872, AV730711, AV701237, AV731694, AV701320, AV707882, AV730165, AV731915, AV662191, AV726574, AV730171, AV752443, AV746276, AV751573, AV756053, AV761002, AV731043, AV760693, AV730816, AV757887, AV732353, AV757553, AV758481, AV707088, AV656240, AV756895, AV731275, AV733303, AV706910, AV702409, AV702869, AV710534, AV647654, AV726738, AV710938, AV706104, AV711496, AV755874, AV702498, AV711095, AV732653, AV752447, AV732746, AV710421, AV702787, AV758133, AV707686, AV714368, AV707171, AV738003, AV726480, AV702671, AV732089, AV705234, AV752684, AV755714, AV707389, AV703591, AV745906, AV702354, AV706035, AV711567, AV724987, AV727103, AV703417, AV652808, AV755473, AV726392, AV729129, AV702537, AV656004, AV710495, AV723452, AV707948, AV728715, AV730456, AV763669, AV711185, AV646736, AV757673, AV732255, AV702026, AV727189, AV757281, AV705263, AV702954, AV706683, AV746382, AV729357, AV727355, AV652156, AV701783, AV711240, AV726680, AV710146, AV701728, AV763440, AV709935, AV710562, AV725387, AV707690, AV575986, AV709356, AV704924, AV705504, AV725281, AV761270, AV711274, AV710825, AV703012, AV703232, AV709897, AV763171, AV745415, AV704611, AV697638, AV757864, AA453130, AV710375, AV757171, AV710935, AV702958, AV645778, AV630367, AV687176, AV707685, AV704981, AV706662, AV707117, AV706234, AV755335, A1475880, AV701538, AV7076357, AV705662, AV732889, AV708809, AV705343, AV729220, AV728884, AV707798, AV757686, AV726520, A1026697, AV729568, AV703367, AV707556, AV745756, AV756386, AV710906, AV706453, AV721645, AV702984, AV706989, AV725386, AV726624, AV706814, AV758022, AV706647,

	<p> AV706851, AV731884, AV701875, AV701499, AV752993, AV727576, AV706891, AV730859, AV706290, A1149937, AV705047, AV732200, AV701496, AV730866, AV728455, AV725152, AV757671, AV733811, AV652547, AV701560, AV726559, AV704116, AV706220, AV704279, AV725043, AV730018, AV728249, AV705416, AV726754, AV756897, AV733842, AV721318, AV703862, AV704757, AV709025, AV699148, AV738766, AV704064, AV708423, BE907622, AV706527, AV730449, AV727347, AB012955, AX020190, AR071907, AX035462, AX009712, AX035980, I13349, AV1965, AR062871, A38214, I56772, I95540, AX0026824, AR062872, AR062873, AX0026823, AR068705, AX026821, AR031374, A20702, AR031375, AX001325, AX001326, AX001323, AX001324, AX02700, A38521, A43189, A43188, AR020969, A84772, A84776, A84773, A84775, A84774, AR067731, AR067732, A58522, A91750, A9700, AX006816, A18053, A95051, AR080470, AR071142, AR095492, A23334, A75888, I70384, A18050, A60111, A23633, AR007512, AX012337, AR043601, AR083151, I06859, AR091393, AR079804, I60241, I60242, I21615, AX018504, AR035193, AX023553, AX023548, AR027100, A92133, I28266, AX003207, AR085082, AR085089, AR085091, AR085079, AR085083, EI3740, AX001322, A10361, AX008555, AR093385, AX009487, AX032758, A63067, A02712, A51047, A63064, A63072, AR068507, AR068506, AR073846, AX011024, AX021518, A25909, A35537, A35536, A11245, AR025207, A02136, A04664, A02135, A04663, A02710, A07700, AX027811, AX027809, A13393, A13392, AX027813, AX030369, AX030368, AX027812, AX027810, AX027816, AX027817, AX027818, AX027814, I21869, AR074365, A85396, A70040, X68127, I08051, AR069362, AR069364, AR028564, A86792, AX042372, A85477, A60985, A60990, I66481, A44171, I66488, I66489, I66485, I66490, I66491, I66492, I66493, I66482, I66483, I66484, AB016080, A91754, I66498, I66497, I66496, I66486, AR037157, AX046332, AX001082, I66495, I66494, I66487, AX006821, I18371, AR089207, AR089206, AR089208, AR089205, AX006825, AX006826, AX006822, A83642, A83643, A83151, AB077923, AR035975, AR035977, AR036905, AX003194, AR096545, X81969, A67220, AR072502, AR072503, AR072501, AR095491, AR022240, AR095490, AX006820, AX035632, AX035630, AX035631, AX035629, AX006819, A1244003, AX046223, A95117, AX033488, AX033489, AR018924, AX033474, AX033486, AR018923, A48774, AX023549, A48775, AR015960, AX023550, AR000007, AR015961, AX006817, A23998, A95052, AX023554, A98767, A93963, A93964, I63120, AR043602, AR043603, AX023555, AR054109, AX023552, AX023547, AX023551, AX023546, AF261960, AF261959, AX006818, AR054109, AR072500, AR035974, AR035976, AR035978, AX006823, A58524, A58523, AF261962, AF261963, A24783, A24782, I03343, AF261966, A81878, AR069650, AX047064, EI4304, AR096518, A27396, AX000085, AX042377, AR091518, AX042375, AX042373, A49045, EI6678, A82653, EI6636, TR2286, TR2285, R50315, R50324, R50325, H28329, H94382, N79828, W17091, W38400, AA252866, AA252977, AA740285, AA858387, AA449992, AA824253, </p>	
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HLDR131	152	975754	1 - 697	15 - 711	<p>AA884524, AB01704, and AI670928.</p> <p>AI534044, BE393397, AV683465, AV684627, AV689796, R95052, AL036390, AV660907, HS6723, B9955572, I82240, R94378, H47159, AL045713, AV692841, H57229, T68625, R29170, H77694, AI046550, H67944, H67929, AV392670, BE605785, AW971745, AW804686, AL119319, AW604723, BE705903, BE705906, AW858526, AW858525, AI119439, AW861944, U46347, AI119484, BE705905, AI119396, AL119391, AI119457, U46350, U46351, AI119324, AW577133, AW384394, AW861889, AW858455, AW732827, AI119401, BF363220, Z99396, AL119399, AI119443, AI134525, U46349, AI119497, AI134527, BF868684, AL119363, AI119444, AI119435, AL119483, AW877209, AL119522, AL039912, AI037205, U46341, U46346, AW604726, BF868687, BF868697, AL119418, AI119335, AI134538, U46345, L11924, I56334, F12495, I84668, I56338, I56332, I56333, I56337, U37055, U28054, AI137798, AL021920, U28055, AB026436, AI279014, AR066494, AX046357, AR060234, A81671, AR069079, AI251859, AX030435, AR054110, AR043113, and AR080280.</p> <p>AI718512, AI123914, AI748996, AI951481, AI745085, AI809713, AI525153, AI134222, AW188163, AI721217, AW007667, AW103479, AI828182, AW004850, AI686915, AI628538, AW070523, A962963, A1697298, BQ248600, AI471537, AI635101, AI889467, AI078632, AW806950, AW167961, AW474348, AW190605, BE674290, AI571882, AW129970, AI022593, AI047838, AI579919, AI126920, AW055284, BE869430, AI955311, AW242156, AW272287, AW873982, AI743468, AW515282, AW129586, AW571890, AI117740, AI624711, BE869709, BE870743, AI692222, AI625272, AI684079, AI679591, AW780155, AA454668, AI679333, AW473340, BE047040, AW475082, AI571037, AW029090, AI809712, AA130871, AA528645, AI459465, AW780425, AI540550, AV748643, AA528637, AI024785, AA406196, AU155306, AA411381, BE672486, BF028802, AW591592, AA537525, AI333612, AI687294, AI241214, AI299682, AW473388, BE177710, AW749077, AA483903, AA847578, AA424571, AI889684, AI149678, AA502398, AA580416, AI130926, AW862587, AW820899, AA835115, AI707527, AW075441, BE394676, AI216279, AI579897, AI886530, AI285185, BF038363, AI283533, AA908633, AI525154, AA724605, AI719442, AV748644, AI269213, AI038566, AW769100, BE843159, AW196292, AW361641, AW610090, AI824537, N92767, AA527850, AU144491, AI475347, BE168336, BF034328, AI078813, BE159920, AA443854, BF759422, AI074078, AA846205, AI803815, AI500799, AI689710, AA983659, AI289495, AI022819, AW473456, AA548485, AA554075, AA253156, AW195746, AI538623, W33013, AI158014, W32964, AW578996, AI123271, AA635113, AI567018, AA157929, AA56284, AI113218, W39707, AI029078, AI137210, AW971233, AI364251, AA495629, W15485, AA446644, W19420, W35400, BF720821, W37704, R81916, AA146623, BF673265, AI494071, AW132100, AW951883, AA055858, AI215543, AA158159, AI625623, AI284796, AW971035, AW372994, AI160230, AI562334, BE002725, BE843163, AI234829, AI890170,</p>
HWLHW86	153	975771	1 - 1639	15 - 1653	

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HOFNM33	154	976051	1 - 1576	15 - 1590		BF974829, BE397549, BE397511, BE562264, BF976322, BE561928, BE396546, A W245133, AW001450, AV708281, A W248252, A W247758, AI918591, AI299148, AI741759, AI705891, BF527331, BE718012, BF764942, BF353438, AI583563, AI961410, AI679359, A W081424, AA865519, BG260187, AA807017, AF086713, AF086714, AI137462, AF262962, U31501, AK026830, and X52562.
HDPSE86	155	976207	1 - 1781	15 - 1795		AW964029, AA447232, BE155292, BE706821, W00562, AI752017, AA478880, BE072829, BE072835, H83253, AA377805, H31182, AW175670, AA295304, AA300104, C14702, AA431941, AI378520, A W444970, BF350693, AI127045, AI633683, AI345957, BF002061, AI033307, AI394583, BF349443, AI738683, AI677991, BE072831, A W207729, AI627661, AI249233, AW317022, AI933838, AA478623, AI751620, AI913309, and AI355492.
HHFOE18	156	976216	1 - 1574	15 - 1588		AI527962, AI517471, AI535489, AI538229, AA608734, AI760012, AI717939, AI038063, BE275287, BF966024, BF182712, BF794346, AV711147, AI992187, AI089408, BE271201, BE515144, BE785567, BG110602, BG028741, A W007641, BE735414, BE622727, AI532828, BE784154, BG108156, BG026353, AI445578, BE735452, BE271188, A W081275, BE565286, AI517470, BG034283, BG177569, BE270977, BF129032, BE730250, BE515135, BF745656, AI911660, AI762510, BE562179, AA573212, A W058227, BG232386, A W026216, BE781752, A W754448, BE780584, BF305350, BG036120, AI479604, BF976260, BE893200, AI026121, BE794959, AA482981, BG026476, BE277036, BE905103, AI716722, BF166075, AI523753, BE513556, BF237575, BG028762, BE886434, BE734123, BF309611, BE756363, BE789073, BE878062, BF794656, BE275217, BG249366, AA595496, AA843894, BE612825, BE893060, BE686280, BE887584, BE237505, BF675994, BG113631, BE297840, BF307019,
HHFNE27	157	976968	1 - 945	15 - 959		

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HMM/BZ81	158	977264	1 - 538	15 - 552	<p> HS9173, AI133861, AW131034, C06458, AI042282, AW467497, F3-939, BF945993, BF760573, AA523609, AI120191, AI610634, BE149287, AW609312, BG106119, AA744449, AA744465, AA745470, BF853581, AW728911, AI45868, AI022336, AI133173, D84394, AP000509, AC007225, AC021036, AI133230, AC006111, U96629, AI034379, AC006050, AC003029, AI034422, AI109845, AC007619, AC010077, AP000692, AC004896, AC007227, AC011491, AF000967, AF200465, AI121905, AC004150, U78027, AC018755, AC005921, AI035422, AC005003, AC007225, AI022316, AI135927, AI391114, AC005312, AC009244, AC024075, AI138815, AF196969, AC005211, AC004596, AI035249, AC053467, AI136600, AF001552, AI050307, AC004678, AI031588, AI031284, AP001670, AC004962, AC010463, </p>

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HSLGF32	159	977704	1 - 1585	15 - 1599	BE784734, BF328372, AW664953, AW294691, BF670653, AA411623, AA464785, AA971619, AA909175, AA406575, AA256188, AA486336, AL868650, AW276335, AW271701, AP08352, AA488036, R03249, AL864543, T84938, AL282858, HP05668, AA256150, R16409, R12671, BF388476, AL797610, T91956, BE622938, AL042508, BF755924, AL035669, and AL133063.
HEEAH23	160	978593	1 - 427	15 - 441	AL529051, BG168572, AV687207, AW247426, BE249849, AK022736, AB014549, AC008132, AC023491, AC007981, AC024490, AC007957, AC011718, AC009288, AP000552, and AC008079.
HODFU73	161	978812	1 - 771	15 - 785	AL1337853, AL290624, BE613007, AW190836, AA036954, AW392096, AW452245, BF039005, BF699641, N95243, T25091, AA036998, AL648608, R47204, AC007392, U85707, U33630, and U33629.
HNBUA49	162	978998	1 - 1620	15 - 1634	AL871477, AL520825, BF686227, AL040660, AL049979, BE746500, BG260309, AL051966, AL043088, BF792583, AL041341, BE249840, AL700387, BE273020, BF690244, AA772213, AW440407, AB067355, BF663608, AL118417, BG1609576, BE873422, BE378917, AL192298, AL18417, BE293451, AL676150, AL828421, AL827007, AW071445, BE315277, BE293812, AL701967, AL690912, AW151086, AW167306, BE293738, BE250330, BE250827, BF526581, BF972183, AW795577, AW747483, BF527867, BE221350, AA837413, BE858496, AW071494, AW276436, BE260699, AW577804, BE304919, BE222850, AW673333,

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HVVDU73	163	979346	1 - 2290	15 - 2304	BE616124, BE736954, BF688519, BG259849, AW374307, BE616155, BE744973, BE292792, AW994447, BG248534, AW374312, AW374318, BE531047, A1940618, AW601821, BE672984, A1817651, A170508, AA253308, BE868161, BG009649, BF435220, AW365668, A1940653, AW365613, A18081928, A1674909, AW572725, A1961488, AA573938, A1925587, A1159477, A1940633, A1620321, A1908967, A1656061, A1866762, A1888802, A1457146, A1932621, A1379539, A11862001, A19374300, A1626916, BF739152, AA934750, A1940625, A1956354, A1354896, W60466, A1318103, A1394281, AA588706, A1970628, BF736328, BF883594, BF689168, A19079392, A19369391, A1985312, A1988567, A1988566, BF835784, AA252902, BF736819, A19376365, A1972809, BF836557, A19751488.

HHESX72	164	979468	1 - 467	15 - 481	<p> AI568181, BE042388, AI625947, AA160436, AA552111, AA502830, T97710, BF812178, BF083633, BF737129, BF737107, T97813, BG222333, BG222571, BF914747, BF916953, BE871206, AW117966, AA715308, BE838489, AW392656, BF766462, AW291547, BE714141, BF754423, AW362652, BE714142, AW087246, AI682601, AW389752, AW375948, BF737124, AT000409, BE827597, AW074322, BE899333, AI824247, AW375934, AW366796, BF772249, BF882777, AW178433, BF843569, BF834553, AA300230, BE564406, AW794420, AW375987, AW375988, U62408, U58994, U58011, and AC006504. BF979761, AI030033, BG258778, AU191794, AW965889, BG028456, BF970462, AV728480, AI522193, AA315962, BE786036, AW960384, AV715388, AU131704, BF965281, AI132895, BF219071, AL536015, BF184112, AI129283, BE729622, BF696698, BG167039, BF034416, BE695309, BE265086, AA319546, H97758, BE544565, W90369, BF932962, AW408349, AU078747, N59486, AA359114, R09724, AW242801, AT765280, AP90488, BE246511, HZ2047, AA085346, AA091083, AL521415, AI838033, BF111619, BF061838, AW776634, AA339816, N56221, AW602190, AI040358, AI248524, BF792722, T18899, T70782, AW057675, T18872, BP906431, AI633892, AW205883, AW872943, AK023053, AK021905, AC005189, AK023007, AK001665, and AI049758. AW004023, BF690205, BF791885, BG029479, BF000545, BE047000, AW077945, AA909986, AU151274, BF512375, AU147671, BE350857, AW467591, AA1462943, AA811324, AA150646, AW468491, BE672409, AI301026, BF639816, AW845190, BE392310, AW514680, AI984280, BE140523, BF229544, U53081, D20997, AC006544, AC003065, AC005033, AF035299, U70987, AF180527, and AP229166. AA868550, AL530411, BG254611, AW954131, AI201166, AW193909, BG151533, AW084462, BF791908, BE260095, AI922273, AA523858, BG260949, AA781100, AW105220, AA596049, AW005327, AI214604, BF984366, AI802642, AI524639, AW090564, AI567735, AA897529, AA193192, AA629069, AU147852, BF979856, AA858423, AA425360, BG149247, AA908794, AA1778624, AI686401, AA393835, N72685, AA688129, AA923361, AU148101, AW183908, BE206598, AU075361, AA380324, BF743368, AI357135, AA926834, BE670517, AI803714, BF197076, AI284934, BG116362, AW983892, AI284936, AU154733, AI130025, AA758676, AA907260, AA311449, AU077310, AI298616, AA706885, AA969247, AH57308, BE045930, BF743297, AI418560, BE219395, AI043460, AA861359, AT720212, AI342423, AA468338, AW936296, AA075362, AA454947, AH58647, R37961, AW246825, AI136701, AW607431, BF743315, AA548507, AU973565, AA053135, AI659588, AI925822, AA426546, BE439633, N68585, AA834427, AI635130, AA167347, BG164125, AA431980, AI264546, AA431965, AA176535, AA748183, AW750653, AA989525, BF223350, F31676, BE253169, AA468339, AW930325, N46268, AA963323, AI985073, AA994254, AW470425, R33597, AI621110, Z24883, AI285063, W81103, AW090765, BF957740, AW628661, AW592166, BF767591, AI703044, AA385660, AI860560, AI020413, F30676, F32050, AA564380. </p>
HOCYP88	165	979547	1 - 1395	15 - 1409	<p> AU151274, BF512375, AU147671, BE350857, AW467591, AA1462943, AA811324, AA150646, AW468491, BE672409, AI301026, BF639816, AW845190, BE392310, AW514680, AI984280, BE140523, BF229544, U53081, D20997, AC006544, AC003065, AC005033, AF035299, U70987, AF180527, and AP229166. AA868550, AL530411, BG254611, AW954131, AI201166, AW193909, BG151533, AW084462, BF791908, BE260095, AI922273, AA523858, BG260949, AA781100, AW105220, AA596049, AW005327, AI214604, BF984366, AI802642, AI524639, AW090564, AI567735, AA897529, AA193192, AA629069, AU147852, BF979856, AA858423, AA425360, BG149247, AA908794, AA1778624, AI686401, AA393835, N72685, AA688129, AA923361, AU148101, AW183908, BE206598, AU075361, AA380324, BF743368, AI357135, AA926834, BE670517, AI803714, BF197076, AI284934, BG116362, AW983892, AI284936, AU154733, AI130025, AA758676, AA907260, AA311449, AU077310, AI298616, AA706885, AA969247, AH57308, BE045930, BF743297, AI418560, BE219395, AI043460, AA861359, AT720212, AI342423, AA468338, AW936296, AA075362, AA454947, AH58647, R37961, AW246825, AI136701, AW607431, BF743315, AA548507, AU973565, AA053135, AI659588, AI925822, AA426546, BE439633, N68585, AA834427, AI635130, AA167347, BG164125, AA431980, AI264546, AA431965, AA176535, AA748183, AW750653, AA989525, BF223350, F31676, BE253169, AA468339, AW930325, N46268, AA963323, AI985073, AA994254, AW470425, R33597, AI621110, Z24883, AI285063, W81103, AW090765, BF957740, AW628661, AW592166, BF767591, AI703044, AA385660, AI860560, AI020413, F30676, F32050, AA564380. </p>
HOGDC64	166	979666	1 - 1794	15 - 1808	<p> AU151274, BF512375, AU147671, BE350857, AW467591, AA1462943, AA811324, AA150646, AW468491, BE672409, AI301026, BF639816, AW845190, BE392310, AW514680, AI984280, BE140523, BF229544, U53081, D20997, AC006544, AC003065, AC005033, AF035299, U70987, AF180527, and AP229166. AA868550, AL530411, BG254611, AW954131, AI201166, AW193909, BG151533, AW084462, BF791908, BE260095, AI922273, AA523858, BG260949, AA781100, AW105220, AA596049, AW005327, AI214604, BF984366, AI802642, AI524639, AW090564, AI567735, AA897529, AA193192, AA629069, AU147852, BF979856, AA858423, AA425360, BG149247, AA908794, AA1778624, AI686401, AA393835, N72685, AA688129, AA923361, AU148101, AW183908, BE206598, AU075361, AA380324, BF743368, AI357135, AA926834, BE670517, AI803714, BF197076, AI284934, BG116362, AW983892, AI284936, AU154733, AI130025, AA758676, AA907260, AA311449, AU077310, AI298616, AA706885, AA969247, AH57308, BE045930, BF743297, AI418560, BE219395, AI043460, AA861359, AT720212, AI342423, AA468338, AW936296, AA075362, AA454947, AH58647, R37961, AW246825, AI136701, AW607431, BF743315, AA548507, AU973565, AA053135, AI659588, AI925822, AA426546, BE439633, N68585, AA834427, AI635130, AA167347, BG164125, AA431980, AI264546, AA431965, AA176535, AA748183, AW750653, AA989525, BF223350, F31676, BE253169, AA468339, AW930325, N46268, AA963323, AI985073, AA994254, AW470425, R33597, AI621110, Z24883, AI285063, W81103, AW090765, BF957740, AW628661, AW592166, BF767591, AI703044, AA385660, AI860560, AI020413, F30676, F32050, AA564380. </p>

HSIEA14	167	980139	1 - 774	15 - 788	<p>BF746952, AI825239, AI968137, W79974, BE873411, AA287653, AA115881, R85239, AI744073, AA167348, T86533, Z38604, AW770643, R51927, AI202295, AI179037, AW270665, AI264373, BF798526, AA053156, HA2012, AW444498, AW352219, BF333672, AA085898, AA470660, AI758554, T31099, AA558872, R38012, AA136762, AA287687, AA115880, T86441, AI68196, HA2011, AA534699, AW904206, BE070180, N46267, N90395, AW844155, AA090750, AI675960, BF247759, BE349924, AW387224, AW388763, AW4916893, BF743292, AA085897, W02464, AW389016, AW388729, AW388788, T7873, BF709036, BE782320, AI952913, BF374837, BF374374, AI133347, DI9952, AC003950, X97335, AX017488, AD023768, U95146, U95145, AF068202, and AF113698.</p> <p>AW301736, AA042667, AI042670, W695478, AW328202, AW238341, AI538491, AA569494, AA572983, W42588, AI278972, AI120141, AI821382, BE042006, AI027201, AA501461, AA837597, AI514450, AV761433, AI753969, AA613761, H68343, BE139139, AI250552, AV648653, AI284543, AW020612, AI689198, AV656063, AW613448, AI005613, BF917473, AI254770, AI744830, AI820534, BG030789, AI251284, AI251034, AI251203, AI223626, AI249853, AA526099, AW023515, BE138387, AA602105, AI798407, AI459593, AI690497, BE169870, AI692245, AI133519, Z83819, AC002350, AC021036, AI031733, AP001706, AC005844, AF017104, AI157372, AI117341, AP000073, Z84487, AC007282, AC011742, AI022336, AC019106, AC008011, AF049895, AI109797, AP001710, AI160231, AP001759, AI137073, AI391114, AI049713, AI133454, AP001683, AC058791, AP000104, AC007880, Z93341, AC011904, AP001714, AC008738, AP016689, AC008543, AC009225, AI024507, AB000882, AC006449, U96629, AP003344, AC007225, Z98946, AI050333, AI049838, AI121782, AC004491, AI009181, AI035249, AC005064, AI121825, AF205388, AC024082, AC009060, AC005663, AI121949, AC007546, AF107885, AP002530, AC011500, AI137060, AC005969, AC005216, AI031848, AC005291, AI133453, AI135380, AI078591, Z98742, AC002418, AC004386, AP001728, AC013429, AC018513, Z83843, AC002303, AI139826, AC005703, AC008008, AC003042, AI033381, AC005332, AC007938, AI121872, AC061211, AI138755, AC073574, AC011311, AI139109, AE000658, AP001725, AI138828, AC009236, AF196971, AC002429, AC009016, AC012156, AI157791, AC004847, AI109743, AC006160, AP001712, AC007486, AI157413, AC005352, AI109923, AP000692, AC005386, AC004977, AI034550, Z96050, AI360227, AC000004, AI229041, AI121878, AC008267, AC025442, AI117333, AI136979, AI050317, AC008750, AI1359704, AI031681, AF027390, AC004743, AI008732, AC009501, AC007690, AC005562, AC078889, AI355886, AC009238, AC005214, AF280107, AI121852, AC009470, AC007773, AP000352, AI031685, AI136365, AC005821, AP001720, AC020898, AI356379, AI049760, AI049376, AI41887, AC010219, AC003992, AI138752, AC012351, AC012309, AL080317, AC002381, AI035438, AI031289, AC003662, AC036103, AC007312, AI445687, AC006120, AC024600, AF241726, AC005358, U80017, AC004859, AI133153, AC027689, AC005069, AC007376, AC009953, AC018684,</p>
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HSPSY43	168	980269	1 - 2040	15 - 2054		

HSXBH24	169	981029	1 - 2428	15 - 2442	<p>X11519, M197235, M19726, A74747, A1162062, AK025407, A7262032, A7207829, AK026947, I899947, X62580, A1137358, I66342, AF102578, AF1067790, A65340, A1389935, A1359597, A1355701, A1110221, AK026532, A1374729, AK024588, I48978, AK000432, AF027160, AB007812, X080137, AF1370104, AF119909, AF113676, AK027136, A1137463, AF027570, A1133667, X79812, A1137548, A08910, A080126, A122050, A08916, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B97620, E02221, AK089170, A1137478, AB041801, AK026583, AK027142, AK025708, AB049758, S61953, AK026542, I33392, Z82022, A08913, A1137658, A1137794, A1162083, A183393, A122098, AF116644, S69510, A08909, AF065135, AK025632, A18777, AB050410, AF159615, AK027221, AK025435, I0339, I30334, AK000718, A1122110, X72387, A049314, AF177336, AK026744, AK025092, A1359618, AF061795, AF151685, A1389978, A050116, AK000450, A050277, B90931, U92068, A1137271, B9762</p>
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HOCMT79	172	981309	1 - 1580	15 - 1594	BE798445, BE304432, BE731636, BE387199, BG255861, BF979006, BE812965, BE728469, BF128024, BE263640, BE270556, BF358932, BE206746, BF942861, BE540525, BF311592, AW362926, R67305, T33893, AW945345, Z46204, AA324589, AV965329, AW965323, AA324404, T80030, H50913, A4281511, AA333367, BF381111, BE816128, T08507, BF991518, R18797, AA332977, AA687499, BF946438, BF822854, AA223464, BE796302, BF917604, AW392506, AW601333, AW372325, AW601316, AW601334, AW372336, AW392504, AW392498, AW372308, AW372323, AW601317, BF725792, AR087892, U32575, and AF055006.
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HOCPO31	174	981593	1 - 1686	15 - 1700	BF344523, BG120897, AI928341, AW026244, AL119974, AW003141, AI953528, AW004077, AI803375, AW001409, A7716616, AA425741, A677488, AW594550, AI193181, BE349215, AW795298, AI262269, AW297973, AW592480, A0442286, AI436208, AI126751, AI149281, AI167937, AI187153, BG006418, AA883572, N53016, AI962663, AI143577, AW242268, AI049776, BE677119, AI818483, AI272839, AA595397, AI032066, N78497, A742227, AU134204, AA938952, BE041590, N73656, H00225, AI187185, AI986359, AW152033, AI032073, AI030295, R77880, AW128839, AW594571, R94775, AA806624, H24559, R64451, T09483, R94950, AW957178, A2527268, H17531, AW193712, AA057787, BF061972, AW260692, AI435183, H00177, AV340042, AI535123, AW079257, AA834625, AA595382, AW62791, AI968910, AI806704, A094639, R34244, H12129, AA047604, R04693, F10899, R35571, H22912, AA425233, AA931668, R63839, R39530, I77481, BF357906, AW401504, S55754, BG058398, AI802542, AI440239, BG110684, BF719993, AI869367, BF527014, BE048026, BF725868, AI036631, AV715331, AW071417, AI500077, AI269696, AV650703, AV682479, A1758437, AW087445, AV715263, BF868489, AW071349,

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HAOTG88	175	981606	1 - 807	15 - 821	AK026744, AF017152, AF242189, AF116649, AL353940, AK000618, AF130110, AK026608, AK026592, AF314091, AF091084, AK026504, AF177336, AK026784, AK026927, AL122110, XG3574, X82434, AK027096, AF116682, AL117435, AF017437, AK026959, AF111851, AD048954, AK026532, AK026647, AF125948, AK000652, AL049464, AK026824, X026823, A58524, A58523, AL133093, AK026583, AL117583, AL137550, AF079765, A238278, AK025772, AL359615, AL137283, AL050138, AK024524, X72889, AF175983, AK000653, AK000623, U91329, E07361, X70685, E02349, U00763, AB034701, AF119871, AK000432, AF097996, AF260566, AK025967, AL049382, AK027204, AL122098, AL049300, A77033, A77035, AL049430, A08909, Z82022, A12297, AK026086, U35846, AK025391, A7025414, AK027164, AK000647, AF118094, AF183393, XG5873, AK026528, AB052200, AK026947, AF130077, AF116610, I33392, AF116654, AK026480, AF260436, and AK025484.
HVCAH21	176	981768	1 - 746	15 - 760	BF316070, BF568141, AV758470, BF527619, BE314804, BF0969586, BE400471, BE410535, AV733489, BE261170, AW157185, A1928869, BF304497, AW024368, BF971396, BF310503, BE296966, BF980412, BE408549, BE884395, BE386397, AF1907018, AW440484, AA883920, BE793077, BE794471, BF206989, BE877585, AA496679, A1378856, BF311371, A1859291, BE350719, BE895663, BE885969, BE315547, BF241672, A1817825, BE793139, BF210205, BF216772, BF733918, BE897650, BE312906, BE095785, BE879978, A516581, BE382725, BF038020, BF026271, A1624337, AW732541, AW674196, BE262376, BF237436, A710278, AV740622, BE899283, BF206520, BE276874, BF206851, BF237515, BF243039, BE313650, A1024995, A1174779, A1572642, A16163157, AW651789, A7325234, BF125793, A1025126, A1474128, AW474610, BE547663, BE831015, A18187250, AA877228, A1267915, AA386988, AV733930, AA182921, AA642996, AA306692, BF126019, AV741980, AA075599, BE263229, A181154, BE831027, AV756230, BE205781, A1526932, BG118384, AA075346, A1929036, BF734890, A1400538, A3116049, A181153, AA526075, A3315701, BE709954, A4098806, AV727129, A130645, BE218789, A1421479, AA482798, A144352, A1022366, BE871748, A4451691, F36272, A1722490, A1015274, A1860627, BF767068, A1476031, A1196855, A1076945, A6601896, A603149, AA037796, BE792238, BF674436, A1266715, BE932205, NS3005, AA307818, A7274405, A1125759, BE710240, A1194072, A764534, A1210871, A130034, T74180, A1985806, BE709957, AV735365, AA070953, A714540, AA453235, AV744480, BF030579, A130033, BF239974, A4433652, AA385659, A583010, AWC75307, BF966331, N52289, BE045155, A130615, A1277116, BE645844, A912073, BF184415, AA856876, AA478103, A276117, A1527098, F25881, BG117430, AA065190, BG028557, I449982, BE005862, A187382, A1927060, F24478, BE792209, A4076185, BF091615, AW371216, A4725739, AA878729, N30376, A4365073, AA602423, BF091004, F24829, AA484666, BE870423, A1885827, A745043, BF091625, A1156093, BE044822, BF375830, AA398035, F27966, F34663, AA861214, AA085547, AA371299, AA992385,

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HFPC656	177	981812	1 - 1934	15 - 1948	BE759833, AV751551, BE539375, BE879961, BE610356, AA012925, AI609094, AA418407, A W028084, BF061035, AI949671, BE219361, AA449061, AI955218, AA772167, W771435, AI305287, BG056609, BG122658, AI039957, AT956800, AI421026, AW952787, AI689738, BE837334, BE797251, AW373177, AA037175, AI680796, BF001323, AI360089, BE440106, BF438332, AI568970, BF223290, AW299760, AI948837, AA418504, AA410416, AA976077, AI923515, N56916, AI744545, AI186166, BF344446, BE543771, AI801467, AI560863, AI307790, AI620925, AI685502, AA931566, AW589991, AW373172, AI094972, H22670, N44951, A W026324, AA772572, AI049895, AA449773, BE876258, N39575, W27237, BE878083, N33168, AA4469378, A W028003, AA402063, AI276817, AW803238, AA351859, AA861181, AA938412, A W079992, AI311559, BF907727, H96974, AI888644, AA151221, AA331860, AW139343, AW130580, W32509, AA957530, H22687, AI813495, AA410273, AA993422, AA687549, BF941191, AI143750, W27206, AW373182, AA340334, AA044269, AI860157, AA151220, AI370043, R48542, R53630, H14486, AI271975, AI140110, AW593928, R12193, A W275061, W93548, AA321771, AI611136, W32606, T66931, BE941785, AA758333, AI581671, B48627, AA398924, AA349145, AW138501, BF527602, R96451, AW513523, AI674456, N59828, AI918973, R96452, AA991280, AI985395, AI687472, AI268792, AA338948, BF477204, AI280423, AI370507, AA991278, H27505, AA142905, R12929, AA410417, AI284737, T83253, W27541, AA364215, BE719110, AI880036, R62328, R51963, H27578, T66932, AD61564, D54538, AA847693, AA338947, BE538557, T49336, AI360057, BE939130, AI351186, BF818515, H04226, AA044169, H02921, AA026536, AA069380, AW138557, R62327, AW118418, AI198091, W96350, AA24187, R39917, AI688856, T10481, BE964453, BF507638, AA847337, BF735896, N72776, T90723, AI873143, AI682149, AI419753, AH72343, AI394598, AA436364, AA652885, T49337, BE002485, N46721, BE620017, BE622776, AI335238, AI810464, AI927142, AA069327, BE787445, AW078649, BF987031, T11055, AI564318, AX015375, AI162074, AB042237, and AF099664.
HAOS158	178	981859	1 - 1131	15 - 1145	AL515972, A W029556, AA004208, BE883613, AW015902, BF802700, BF666138, AI917287, AI515972, A W029556, AA004208, BE883613, AW015902, BF802700, BF666138, AI917287,

HOP/J48	179	981862	1 - 336	15 - 330	
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HCTAV61	180	981914	1 - 1221	15 - 1235	<p> AI580984, BG250190, AV710479, BG259801, AL047042, AI754897, BF93644, BF107577, AI569616, BG114104, BE967104, AV758668, BG180034, AV757362, BF812438, AI514025, BG029399, AI524671, AI515041, AV682567, AV703695, BG179633, BG113662, AI117971, AI597750, AI572787, AI161802, I48979, AF116631, I89947, AF116646, AF116602, AF097996, AF009001, AB047615, AI117457, AB079032, AF078844, I89931, AI030116, I48978, AF116691, S78214, AF118064, AF130105, AF116644, AI42082, AF116639, AF090943, X84990, AF071152, AF138861, S68736, AF130082, AL050593, AK059958, AI110221, AF133676, A93016, AF118070, AL133640, AF090903, AI157431, AF090900, AF090934, AL030146, AF106862, AF104032, AX046603, AB048964, AF13691, AF218014, AF130059, AF008096, AF130075, AB049758, AF111847, AF119878, AK025339, AI138755, AL050108, A08916, AL133606, AI359596, AL049452, AL080060, AB048953, AF113013, AB041801, AK025084, AK026865, AF113694, AF113690, Y11587, AK026741, AL390167, AI133016, AF133689, AI389978, AF130092, AF130104, AI137527, AI162083, AF116688, AL110196, AK000212, AL339601, AL050149, L31396, L31397, AI117400, AL080137, U42766, AX019230, AJ242859, AL133075, AI159988, AF125949, AL442072, AF113677, Y16645, AL049938, AI122050, AL162006, AB019565, AK026608, A08913, AK026043, AL096744, AF113019, AL049466, AX019229, AF119875, AB011880, AK026855, AI049314, AK025958, AI080124, AF079765, AI133557, AF146568, AL133080, E07108, AK025772, AF125948, AL359618, AF119899, AF119909, AF177401, AI122121, AK026542, AI117394, AF219137, AI122093, AI122123, AF238278, AC027121, X63574, AI130393, AJ000997, AI137557, AI133565, AK026647, AL137459, AK000618, U91329, E03348, AK026583, AI117583, AK026784, AF116649, AX006092, AF158248, AK025092, AB052191, AK087170, AK027096, AF113699, AK026744, AI389982, Y11254, AL359615, AI359941, AK000137, AK026592, AL050277, AI133560, AF14091, X82434, AF207829, AF111851, AF091084, AK000083, AK027113, AI137550, AF017437, AK024538, E07561, A65341, AK000443, AK026959, AK026452, AI359940, and AK026528. </p> <p> BG033901, BG252785, BE543053, AV722449, AV702154, AA628439, BF668342, BF692352, AI768330, BE894056, AF743632, AV694035, BF437204, BE856844, AW304160, AI337885, AI24514, AA837493, AA426551, AI745073, AI963737, AW821215, BG058671, BF509387, AI242029, BE503709, AB42469, AA160524, AI160326, AF725848, AI912616, AA890454, W95882, AA824442, AW518009, AI701598, AI273641, N93250, AA287410, AA418905, AW449609, AA160567, BE671219, BG105483, AA779451, AA111935, BE669882, N32408, AI32415, W17057, W25108, AI810170, AE82034, AI499772, AI589724, AI207366, N56828, AI123003, W95918, AW022386, AA083712, AI808404, AA777136, AI806090, AW965046, BG105254, N89643, AI467879, AI247819, AI84644, AA725064, AA343169, AA569724, AA694506, AI698201, BE542567, AI244592, BF218794, AA287358, D80112, AW973029, AI206216, AW965048, AW889223, BE843684, BE845522. </p>
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HPDWN44	181	981956	1 - 934	15 - 948	and AK000541.
					BE7422303, BE741533, BE746369, A1633237, BE563341, BE563526, BE612816, BF035914, BE7880068, BE563212, BF665918, BE880096, BF970136, BE880701, A1529261, BF903170, BE315481, BF316680, A1017752, BE896668, A4431844, A4628903, BE880590, A1710748, A1525834, A1716869, A1733974, BE567737, BF674943, A1713981, A1879057, BF698464, A1529260, A1514732, BF033091, BF674985, A1711087, A1716715, BF540803, BF675523, A1713390, A1935983, BF679768, A1075421, BE613381, A1516298, BF675731, A1708868, BE389557, BF735167, BE389745, A1187073, A1744791, A1740643, BF691612, A1474571, BF195619, A1684301, BF677505, A152452, B1042822, BE709657, A1936512, A1745451, A4929234, A17189041, BE042854, A1984117, BE276272, BE393478, A1744743, BE388363, A1731622, A1734097, A17196629, A1913944, A4427596, A187024, N30130, BF217503, D82271, A1191868, BG235916, N39749, A1923021, BG112356, A1715265, A4075422, BG259987, A17404378, BE813241, BE813177, A17149049, A17369486, A1726476, A17369495, A4442647, A4669065, A1367852, A1633284, A1132643, A4081139, A1554354, A1951432, A1560878, N25849, A1416993, BE176663, A17074176, A4446705, A4496549, A1512838, BF094963, A1991489, A1991644, BE813140, A4315748, A4878888, N23559, W19707, A4729416, A4621292, BE567961, N36654, A4069715, BE568443, A4931626, A4069692, A1938005, A1187152, BF732743, BE176346, A1185034, A1716602, A4593797, A17383485, A1186648, A17021650, A4457347, A1221791, A4630449, A1937966, A4081278, BE122891, A4436888, BG167398, A1516984, A1212688, BE875189, A4316034, A4316517, A4479768, A1181039, A1733234, W52260, BE176396, BG012035, A1750759, W264168, N24368, A4631420, A1923459, A1703750, A1198050, R88410, BE179786, N59644, A17069390, A1047606, N44880, A1686995, A1090375, A1523651, W1796539, A1654997, A1187522, A2239717, A4429684, H16005, A17994708, N35742, A4628994, A4630441, A4977956, A1798571, A4847636, A1074223, A1034134, A4583504, A4782407, A1291901, BE710000, A1711820, N77857, A1993826, BE536583, A1568185, A434356, A4169685, H53260, W05819, A1367001, A4737384, A4156678, A4317301, A15582891, N42163, A1737813, A4230074, A4335935, A4651342, A1719389, A1712594, A17378105, BE716145, A4335859, BE707628, A1737818, A4281403, A1312689, A4381804, A432128, A4335879, A4890245, N35687, A1674105, T50033, A1085540, BE697023, C17051, A4384518, A17378101, T93581, A4912450, A4361889, BE804484, BE169354, BE707639, A4446578, N44791, A1687083, H85400, A4923554, BE091266, BE840494, T86063, A4641500, K66319, A1005479, X67698, U25748, A18921, X78134, S77411, X83799, A1133076, A1122101, A1133655, A1133020, A1133053, A1133074, A1133049, A10404958, A1041002, A10404974, U30290, A173998, A1015970, M37278, A1030435, A1015526, A1126531, Z69719, A1002985, A1055519, A1034821, S56141, T92154, T93222, T94671, T189488, T89660, T83048, R01007, R25764, R33756, R39758, R62496, R68141,

HOV754	182	982032	1 - 1118	15 - 1132	R14261, H15768, H42468, H42681, H43449, H60096, H69969, H71589, H83394, H98245, N28549, N40132, N40844, N54906, N78197, N99645, W32944, W38819, W46910, W56106, AA025797, AA031691, AA035536, AA100026, AA149910, AA157483, AA281356, AA532481, AA603556, AA610276, AA617732, AA627954, AA837359, N85557, AA431114, AA708116, AA725139, AA845939, T11351, A1244072, A1308158, A1220771, A1632782, A1859680, A1811046, A1950900, A1002593, and A19055299.
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HLDOG74	183	982042	1 - 870	15 - 884	BE741661, BE733571, BF685462, BF984053, BE745150, A1686105, BF792465, BE901550, BE515104, BE884515, BG033955, A1052336, BE312803, BG178966, BF794342, BG036584, BE544000, BE746597, BF337890, BF038967, BE264172, A1831045, BE874094, BE910663, BE733667, BE264374, A1710205, BE344180, BF127998, A1309846, BE559160, A16160727, BE787749, BE787345, BE271779, BE667331, BE257671, A1571743, A14440255, BE205294, A17183127, A1583332, BE784901, BF611774, BF115955, A1857442, A1583701, A1560800, A1582176, BF244048, A1824142, AA485962, A1025617, A15716053, BF204148, A1739339, BE786742, BE278628, BF130338, BF030011, AA854126, BE219377, BE21039, BE855730, A1513598, BE297318, A17439387, A1762229, BE297859.

HERNM52	184	982197	1 - 2789	15 - 2803	<p>BE280579, BF979190, BE245667, AW118054, AA635192, AW169142, AW674748, BF692567, BE281362, BE019807, AA551363, AA466101, AA617816, AA661021, AW950636, AW515901, AW166234, AW516869, AW173721, AA478166, BF213463, AG24267, BF668293, AA843831, AA491461, BF281598, AA046960, AW080229, BE207118, BF835593, BE269269, BE301062, AA284529, BF033039, AA147964, AA579189, AA868801, AU151184, BE541264, AW905878, AA709317, BF185131, T27878, AA489885, AA046940, AD200718, BE501607, AA977837, AA287072, BE295551, AA308390, AW163112, BF687680, AW675350, AA917888, AA515960, AA149590, AA599391, BF697377, BF218545, AA662287, AA009788, AB297882, AV744141, AA676677, AA314717, AA961410, AA878965, AA281634, AB688201, BF698890, AA954211, AB62751, AA029069, BF196313, AU193083, BE207789, AV736143, AB033792, AA727752, AA659107, AA983589, AV742172, AU138509, BF184787, AU040249, AW732855, AU191696, N92863, AU151496, AA687717, AB299551, AA070997, AA857870, AA503718, AV735528, AA190930, BF090320, AW081118, BE206366, AA070618, AA503128, AW407757, AA047377, AV743448, BF916297, AA128677, AU050932, AA503135, AA503108, AB393887, N74980, AA773467, AA855028, AA493807, AA650564, AA559223, AA190701, R99319, AA483970, BF229552, AV742823, AA658476, AV741392, AA307151, AB26883, F36699, AA489572, W32721, AU143806, AA190460, AA812381, BF104071, T79922, AA281695, AU194047, AA507951, AA676762, F29670, F36691, AB634447, AW005735, AA856710, BF942352, AA594442, AV743031, AV735719, H96947, AV739957, AB272958, R37018, W20469, AU191403, BG119796, AB274572, AA191288, AA740554, F26383, AA009897, R99413, R05797, AB748989, AA595773, AA282515, BF753031, F26620, F01244, AA128767, AA320093, AA343244, BF035539, R32398, AA374363, AB11288, AA374425, BF360820, AW473036, R32399, D29012, X61971, D10754, U13393, U13394, B05950, AL050277, AL135933, AF031147, AL357195, AB028451, X63574, AF119336, AF213396, U91329, A59344, AK023015, AF260566, AK027221, AL133640, U94934, AC020910, AY004290, AF070632, AL050129, AX014095, AL355999, AK026613, AL359620, Y08864, AL137478, AK004832, AK026164, AL137665, AF116610, AL133624, AF126488, AL096744, AL133608, AF019298, AR038854, AL117644, Z98036, AL157433, U77594, AL137526, AL110197, AF025861, AL12297, AL133623, AC009364, AC018643, S77771, AB044545, AC004227, AF003737, AK026647, AL133081, E12579, AK026659, AK025431, U87620, AK025761, X97332, AK000614, E12580, AX015416, AK024978, AL133112, AC018639, X53777, AF225424, AL161953, AK000212, AF031010, F01614, E13364, AF057300, AF057299, AC025226, AC007869, AB049892, A57389, AK026480, AK026518, I57661, T59327, I87448, R25839, R26674, H03115, W05680, W25589, AA025424, AA055954, AA057036, AA190760, AA910572, C00011, AA092293, AA093654, AA652601, L31986, AB559731, AB282361, AB85878, and AW024506.</p> <p>AV651781, AW965446, AB623305, BG105418, AV695144, AW500557, AB962601, AB16919,</p>
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HJBCCI9	185	982465	1 - 1554	15 - 1568	AI1529381, BF793008, AV968762, AW958616, AI005133, Z78392, AW665074, AV572797, BE5910519, AA311683, AA227581, A961773, BF311030, AL529580, AA490975, AA800009, BE857081, HI5731, W84486, BE011902, BE011961, AI669828, AA378108, AA203400, AA215739, AV297449, BF512324, N34147, and AK000516.
HODAA93	186	982618	1 - 1010	15 - 1024	AUI34734, AI921858, BG035733, AW503819, AW502845, AW393515, BE463976, BF085697, AW590049, AW025827, BF927064, M78377, AUI35081, AW503556, AW999737, AF002223, U58032, AK001816, AI224979, AF057354, AF073997, AF123314, and AK023451.
HSPS174	187	982764	1 - 1578	15 - 1592	AUI18627, BE614379, BG109394, AI051622, BG035128, BE745111, BE747176, AUI133917, AA977180, AI828930, AUI33984, BE906377, AI928364, AI80753, BE621857, BE904639, BE907348, BE788794, BE879963, AI819390, AA45461, BG167065, BE790436, BG19322, AI53743, BEG19041, BE621186, BE620997, BE439796, AI983655, BE908365, AI685095, BE908977, BE884393, BEG13669, BE789335, BE879041, AUI35866, AI633575, BF037650, BE910282, BE906666, AI564644, BE547180, BG12232, BE737005, AI925607, BE05184, BE785244, BF036140, BE617891, BE906281, AW071625, AI591358, BE906618, AI720039, AI804422, AW080238, AI250777, AI678712, AW338147, BE392486, BE881236, AI865838, AI063432, BE874666, AW192593, BF126211, BE897209, BE974032, AW383999, BE548372, AW310672, BE546656, BG113740, BF1053867, AI262930, AW372926, BF037109, AUI37540, BE904461, AI694111, BE548097, BE785027, AI346835, BE877056, AI927709, AA292956, AW629505, AW262737, BE879732, AI616132, BF791201, BE044033, BF779003, BG165112, AI696905, AW513200, AW008570, AW651691, AI871950, BG122807, AI377596, BF674901, AA083510, AI597801, BF691383, BE617437, AW629109, AI093510, BF132064, BF382972, BF222520, BE543834, BF184069, BF573710, AI240988, BE867124, BF600916, BF195127, BF593608, BF182976, BF184281, BE905927, BE501957, BE880450, AI911921, BF106087, AI424384, AI591386, BF215421, AW820297, BF131142, BF247995, AV726627, BF1067934, AA479712, BF188868, AA877242, AA706057, AA315188, AW961686, AI148698, AI677934, BE54028, AV732963, BF978564, BG169978, AW583735, AA948365, W52095, BE619741, BE961220, BF031297, AV654555, AA524526, BF687984, BE385832, BF102872, BF246934, AA088439, BF979244, AA843108, AI248307, BE156265, AW015724, AW372531, BF690647,

					<p>BF670998, AA889018, BG118773, BF687915, AA479834, AA626058, BF571504, AI285092, AI591384, W25540, AW205937, BE349186, C17732, AW959385, BE971477, AI027865, AA733014, AI955858, BF572812, AI925554, AA844898, AA452515, BF244568, AA453027, BE219784, BF126097, AI671727, BF184176, BF247378, AW779725, AI129575, AA903050, AI567995, AA404570, AI470033, BF576011, C17063, BE25569, AA088544, AA543766, AA662527, AA723200, AA043217, AI073878, BE961124, BF057147, BF676177, AA147228, W52847, AI990245, BF673172, BE963891, AW673152, W38161, AA627686, BF575906, AA113196, BE182595, AI799814, AI333170, T66110, AI972739, AA190873, AI859160, AI446615, W45410, BE182608, BE619182, AI908827, BE327120, AA182640, BF678404, AI298935, AW085158, AW471421, BF243031, BF570900, AA682601, AW103470, AI242230, BE044134, I34297, U34276, AK023364, D16854, X75684, D86467, T55840, T65026, T83378, T97664, R21752, R21800, R38028, R38114, R79190, R79933, I27252, H23594, H38179, H52504, H61762, H64985, H64984, H80983, H64985, W19298, W60075, W73897, AA010631, AA011222, AA035067, AA035576, AA037696, AA037722, AA043216, AA085492, AA129574, AA136658, AA136645, AA148284, AA155661, AA157944, AA190427, AA190472, AA190966, AA191414, AA192519, AA250778, AA502834, AA581093, AA603586, AA837326, A962397, AA988297, W60032, C05782, C06111, C06123, C06365, C17476, C17504, C16377, C18304, A649494, AA291465, AA411100, AA421678, D11921, AA478271, AA478328, AA487893, AA486595, AA719173, AA722206, AA724739, AI457735, AA989662, AI032569, AI061065, TI0950, Z25898, Z28771, AA953883, F09579, AI244845, AI245632, AI246953, AI249545, AI251817, AI254320, AI261359, AI270788, AI270830, AI275372, AI306933, AI309876, AI334860, AI340796, AI348877, AI363829, AI453453, AI446740, AI432033, AI472527, AI468237, AI500576, AI565439, AI582462, AI224222, AI189366, AI650338, AI349390, AI589264, AI621320, AI686240, AI692846, AI693030, AI738844, AI745717, AI769516, AI798415, AI798502, AI800106, AI823466, AI865912, AI872628, AI918453, AI918523, AI950693, AI027217, AI972899, AI985583, AI016166, AW088968, AW197954, AW242958, AW25046, AW191997, AW194272, and AW300456.</p>
HCEHZ42	188	983008	1 - 3628	15 - 3642	<p>AI537881, AI517309, BE735051, BE901285, BE616892, BE735353, BE793731, BF733509, BE545486, AI517310, AI745249, BE734335, BF526598, BE779600, BE796507, BE798600, BE886723, BE617349, BE734009, BE280110, BE901683, BE276201, BE891303, BF342463, BE729254, BE910567, BE884594, BG255411, BE79129, BE888923, BG031148, BE537150, AA604400, BE734392, AW964478, BE259025, AV327313, BE616860, AW385802, BF108767, BE903733, BE349111, BE257437, BE28784, AW150910, BF060707, AW246117, BE263626, BE392648, AI620896, BE252755, AW732968, AA398262, AW778939, BF934986, BF436950, BF964072, BE799126, BE962236, BE781464, AA602489, AI566556, BF954806, AW249583, AI160402, AI809859, BF766680, H21144, H51462, BE616366, BG257069,</p>

					<p>AI608637, W37225, AW103894, AA984583, AI860074, AI251822, BF964921, H50198, H150199, AI637978, AW236505, AI553932, AA308870, AI341897, W37565, AI571251, F26897, AA922512, H38486, F34532, BG152624, H09117, R24306, F02922, R44903, AI624869, H29803, H64659, H47000, BE277457, AI932959, AW244024, T23597, AI1814804, AW072234, AW385702, F13335, AI702387, BE834031, H44917, R40088, AI003681, AA548650, T78815, AA523188, F04394, T0327, AI322972, AI633841, Z43697, BE559682, H42170, AI678524, AW105674, BE747069, T41190, H51420, AI283350, BG014941, AI4729769, H38475, AA889494, R12936, H09467, AI277180, C02213, H38470, AA844667, F13332, AA779046, AI537882, BE302833, BF764692, BG112124, H21101, BF733843, AI653323, BF949218, AA399433, H42992, BE172552, BF766013, BF948977, BE939200, AI955921, AF062360, BF514170, BE771818, I76198, AJ238509, AK026112, AI671155, and AW003308.</p>
HDPVU15	189	983592	1 - 1393	15 - 1407	<p>AL526272, AI525155, AL522999, BF966555, AI526230, AI523065, AI608975, AL525156, AI356555, BE738287, AL522957, BF940042, AU132734, BG036876, BF207755, BE866533, BE999964, BF216980, BE567528, BF210168, AW006213, AA506981, BE748710, BF2328741, BE565646, BE678499, BF028372, AI097642, BE671753, BF669347, AA481159, AI365242, BE263776, AW613149, BF207815, BF062845, BF207601, BF184549, BF029492, BF482434, AA600213, AA570018, BF677978, AI380165, AW474849, BF029410, BE212774, AW327326, BF242826, DE782106, AI189808, BF673083, BE958173, BF691558, AW327647, BF242098, W40404, BF183977, BE566862, AA521171, AI624172, BF701752, BE564186, BE737955, AI650337, AI276975, BE762520, BF183896, BE865656, AI078467, AA706141, AI047101, BE502602, BF207203, F08084, BF241687, BF246011, AI638395, AW947427, AW236896, AI076444, BF575292, W92066, AI370021, H54752, AW083735, AA308891, AA971116, AW952287, BF745131, BE563907, BF907533, R93244, BF431085, AA834180, AI220183, BF754428, F04320, BE566548, BF381304, AW503002, AI193557, BE075259, AW378464, AA847005, BF213891, AV688842, H54751, N93924, AV687331, BF745923, BF798270, BF214281, AA290913, BF209678, BF381623, AW606384, AW384533, AV699554, AA301337, AL042687, AA569904, AI189079, R57070, N85824, AA828789, AW979904, W92049, and M87339.</p>
HTSGC28	190	984008	1 - 409	15 - 423	<p>AW629796, BE907094, AI879238, BF125522, BG165445, AI991040, BE265179, AA306760, BE386666, BG033049, BF7569429, BE616679, BE961094, AV752683, AA554831, AI904451, BF345953, AI563938, AA421977, AI908006, AA310481, C04874, AA325475, AA641261, C04859, BE298529, AI627256, BE876461, BE907784, C03419, AV085607, AI879639, AI907999, AI828997, AW800145, AA702025, AW834911, AW996129, AI448015, AA331368, AV726768, AA635265, AI078778, BE965867, AA477052, BF128018, BE698358, AI246215, AV704488, BE905105, AI356116, BF981367, AC009470, AX011754, X96506, and U41843.</p>
HDABW50	191	984168	1 - 510	15 - 524	<p>AW160956, BG112870, AA181146, AI333095, BE299316, BF260676, AI318638, BG025731,</p>

[illegible]

HIMVAW42	193	985280	1 - 1033	15 - 1047	N88679, W38324, AV739486, BF943595, H77489, BEG19403, BF797152, F13662, AV758240, T85967, AA356672, AA827089, AV738715, AA884606, W60290, BE880331, A1565666, AC004148, AV725902, L04636, M69039, X75913, AR001488, AF238300, A1001101, A1001102, T75519, T79324, T97266, R00559, R43811, R43811, H19498, W35357, W44587, A1195016, AA226539, AA429036, AA541335, AA886821, N46376, AA090596, AA096370, A1469533, A1550333, A1452739, A1701659, A1666522, A1874327, and A1872778.
HAGDF03	194	985323	1 - 886	15 - 900	BE882789, H18418, H18419, BF983783, T98073, BF799367, AK024419, A1049742, D86997, D88269, AC007050, AC002041, and AC007882.
HOPK129	195	985401	1 - 656	15 - 670	BE743574, BE747360, BF037152, BF037322, BF185217, BF034907, BF035464, BE735974, BE735948, BG117694, A0912117, A1809647, A904850, BE715907, A167552, A1146565, BE932773, AA074391, BE932728, A4905581, BF057950, A197091, BF818794, A197382452, A19362760, A19362834, BE736338, X76029, AF203444, A94555, and AF222762.
					A1967189, BF568353, BE876991, BE222939, A1504246, BG249370, BG255913, BF308620, A19328087, BF034851, A19328088, BE793300, BE905639, A1735694, A1095336, BE386578, A1614065, A1560961, A1608885, A1634486, A1613913, A1924638, A1613925, A154728, A1560961, A1719377, A4690078, A4830299, BF038609, A203548, BG177899, A1614181, A1858312, A1552154, A1200336, A4885917, BE620103, A1754386, A1031613, BE784692, A1081285, A1916632, BE042784, BE791140, BE964673, A1911010, BE048169, BF568842, A1741206, A081284, A1126452, A1155948, A1138974, A1139507, A1890509, A1751934, BF125381, A1371201, BF125620, A1205847, A4826559, BE714318, A1972092, A135171, A191488, A1311103, A1974366, A4632296, A1581287, W19605, BF125603, A1369911, A1052549, A1363011, A192081, A1724119, A1110319, A1757027, A1926635, A1310711, W80967, A4828873, A1716667, N70808, W35100, A190632, N93842, N94928, A19206213, A4804201, A19205535, BF222360, A045330, W40298, A186411, A1583415, A1299768, N94313, W47097, A1310460, A1739579, BG168459, A1185445, F21331, A1045388, A4602057, N69883, A1726372, A1874123, A1300062, A1133096, A1308875, BE766731, A1188134, W01415, A1192988, A1002735, A1863303, H73006, BE750808, A19603296, A1883548, A1742934, F00800, A1749433, F36662, W80968, F31017, A1303960, A1902606, A4657819, BF214015, A19833024, A4843632, F22498, BE694643, A19800284, BF820314, A1844336, BE702621, A1206672, R48509, A1445725, A1338193, BE646027, A4599755, BF752265, T90159, A19743096, T90057, F26867, A1882945, A1883656, A1975553, T35390, R35896, BF477469, BE085557, F29236, R48510, BF083095, R35895, N44815, N88653, F29537, A1193068, A1883822, N90560, N57060, D25765, A19059723, W20367, C20592, A19883811, A1253621, R29399, A18283439, BF213077, N64284, A19800074, A19882794, A1000414, A19883496, A19883108, A19883699, R57063, A1802283, N98855, A1155903, BE1069170, A19385521, A19883325, A19364453, A1332761, A1920144, A19819764, A19819769, A19606771, BE766667, A19883216, A19819735.

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HJCA11	196	985580	1 - 1282	15 - 1296	AUI32390, AUI24559, BE900238, BE732404, AUI29883, BE080187, BE926773, BG114544, A/W500118, BE537542, AUI314008, BE789187, BF922033, BE281277, BF089292, BE083954, BF731715, AUI28452, AW875091, N87006, N86017, BE295990, AUI33348, AW875092, BE207290, BG027252, BE085014, BF242268, AC006509, A38904, UZ8946, U54777, U73755, D89640, and D89646.
	197	986078	1 - 1131	15 - 1145	AL528672, AL528671, BE740519, BGI79075, BE876837, BE409722, BF125146, BE384347, BE905434, AL480075, BE736786, BE386983, BE385086, AUI08432, BE900934, AUI77273, BF901579, AA455206, AA362335, AA969968, AA427548, BE275509, AUI04489, AUI99353, AA421632, AUI078240, AA427707, A/W955562, AA454864, AUI310388, BE743523, A/W170140, A/W089692, AUI29235, AA903911, AA362336, BF813903, R72751, R27751, AA554328, AA83784, R48745, AUI97789, AA304308, A/W591924, AA320293, A2491393, BF541788, AA300465, A/W839762, BF818256, BE622335, AA143722, A/W591933, BF927574, BE071386, BF754668, BE627797, BE071396, BE967257, BE243667, BE071302, D20583, BE729081, A/X041029, and A/F188504.
HSAM143	198	986158	1 - 1595	15 - 1609	AUI49573, BF034032, BE278549, BE731160, BF034631, A/W236853, BF084841, AUI26259, AUI761782, AUI51440, AUI49075, BF699903, AUI50909, BE542926, AUI527731, BE539229, AUI628901, AUI50578, AUI52956, AUI34451, A/W386462, A/W386546, A/W386459, A/W386633, A/W386541, A/W386540, A/W386674, A/W172296, A/W386290, A/A496720, AUI527730, A/W386399, A/W386293, A/W386545, A/W386675, A/A827175, BF109445, A/A766675, BF572742, BF700363, A/W673859, AUI039522, BF904724, AUI54042, A/W386400, BE538430, BE783497, BF361388, BE535955, A/W386676, AA496771, A/A332056, A/W386463, A/W401913, AUI25409, BF349062, A/W386593, A/W386404, AUI19856, A/W794691, BF361390, AUI630067, A/W468663, AUI26032, A/W610565, A/W605675, BE816416, A/A969139, A/A625769, A/A948540, BE816439, AUI29160, BE833448, A/W386548, BE011481, BE011489, BE816391, BF767633, AUI798576, BE816420, D59324, A/W674070, C21288, AUI54727, A/A68699, AUI040011, AUI45620, AUI27233, AUI040241, AUI887163, A/W082532, A/W051088, AUI45256, AUI043152, AUI677797, AUI45812, AUI783792, BE393784, AUI513729, BE964614, A/W076124, A/W088350, AUI471429, BF921295, A/W089275, AUI721755, AUI590575, AUI972170, AUI041150, AUI68816, AUI586931, BE883591, BE084795, AUI630877, BGI21201, BGI251076, AUI538885, AUI733682, AUI628284, BF965877, BE620438, AUI58445, AUI046943, AUI249389, AUI24246, A/W163846, AUI19791, AUI357599, A/W078767, A/W827102, AUI860830, AUI886055, AUI301710, AUI963846, A/W089405, AUI49271, AUI570966, AUI571699, AUI433611, A/W025279, AUI582240, AUI500061, BGI032919, AUI453248, AUI620639, AUI34242, A/W505665, AUI97994, A/A466466, F32537, AUI861123, BGI107844, A/A38230, AUI89614, AUI812015, BF033757, BF793462, AUI21741, BGI109164, BGI110577, AUI93452, AUI537677, A/W172981, AUI679550, A/W104141, BF814449, AUI92108, AUI950877, AUI62121, AUI686589, A/W166937, BE047691, AUI818358, AUI566430, A/W079432, BE879108, AUI84903, AUI756794, AUI623682,

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HNFJH73	199	986165	1 - 2951	15 - 2965	AB007812, AV026124, AK025113, S69407, AU1133565, AL138982, A03736, and AF012928, AL135307, AV705200, BG115555, BE893152, AU104178, BE275993, BE894324, AI934515, AA716409, BF060791, BE299687, AI677871, AW954275, N29134, AI808415, AI621031, AA582436, AI923237, BG179963, AA700347, AA63830, AA825773, RF393064, BF219349, AUI58345, AI831482, BE893515, AI829698, AI354807, AI041945, BE208699, AA831207, AI14671, AA906989, AA460265, N29562, AA679105, H07010, N29294, AA664218, BF438401, N026851, N02026, N21171, R66676, AI147747, BE367629, R35048, AI969497, AA953469, AA976405, AW206458, AW373029, AW503770, BE407841, AA224344, BF111112, Z44255, AA878064, H54297, Z44642, BG006488, AA303163, H05459, N42173, AI206338, AA219130, AA503077, T29413, BE551030, AI805791, R53135, H54374, BF110041, AI970159, RG7394, AA384950, R37379, H68011, R73097, AI081796, R68165, BE302777, AW411287, BG119446, AA918529, BE314059, BF988929, AA369756, AA293590, AI927476, R14630, Z39579, R73098, AA960999, H60931, BF212051, F01802, F03599, R13469, AI657118, BF976822, H10504, AA137020, AW590683, AI652433, F03681, BF571334, C15517, F05530, AA136924, AA369755, T49871, AA341117, H60845, W93139, AA010506, BF344411, H67688, AI253282, AI825058, T49872, AW798336, AI185461, AA026121, BF701801, AA026205, AA722157, H14581, AA301189, AW411286, BE220882, R52710, BF700338, AW084882, AA219513, AA932778, N39964, X96375, X76184, AY004174, AF075706, AF075708, E06025, E06024, D12765, U35622, U18018, X63190, AF095890, X96377, and X96376.
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HSUAA20	201	986744	1 - 2257	15 - 2271	AUI25631, AU122638, AU124434, AUI19564, AI521525, BG108961, AI523942, BG035161, BG251944, BG036436, BF796027, AW853573, BE898956, BG256538, BG119012, BF971387, BF038129, BF665538, BE178302, AI589375, BE292972, BE897915, AW853577, BF983057, BE178464, AI720743, BE743787, BF698180, AS766889, BF344035, BE074977, BG120570, BE074978, BE540431, AI125797, BE074983, BE927446, BF028723, AV6664254, AI924017, AA622618, BF609259, AW853635, BF664182, BE773949, AV734594, BE674801, AI780625, BE764622, AW602743, BF751549, BE927448, BE773962, AI632995, A W602746, AI831228, AA127994, AA632633, BE675358, BE855875, AA830571, AW517313, AA4460805, AW513297, W80991, BG029093, AA741398, BF082772, AI571048, AI141113, AA946941, AI984475, BF432650, AA652978, AI672687, AI190250, AI678490, AI092182, AA845782, BE927450, AU936315, BF34264, AI075287, BE932015, AI523941, AI597847, W81093,

HSPAD08	202	986767	1 - 1213	15 - 1227	<p>AW104773, BG056516, BF740090, BE251299, BF919259, BE773964, AU128580, AI884832, BE932029, BE171973, AI523288, N70538, AW886360, N69034, BF361037, AW071518, AI121348, BF945741, AW801680, BE927444, AA143051, AW801696, W68118, AI120946, BF004452, BF955068, AA807897, BE245676, BE086998, AA765885, AA535606, BE927436, BE778072, BF093541, AA076360, BF373538, W67691, AA663749, AU052509, W27647, AI143250, W00664, BF010892, H83325, AA676456, N93793, BF839013, W05851, AW651747, BF349236, AI521526, AW853630, AA177087, I06727, BF093504, BE229679, AI174288, BE773961, Z39753, AW351657, AI907303, W04331, BF760988, N95782, BF088904, AI233764, BF0840308, AW801632, AW021876, AW799691, T79592, BE773988, BE773978, W28688, N67074, AA627487, N92965, C00490, BE773999, AI574770, BF740748, BF743310, T99674, T80951, AA629900, AI695168, AW009552, BE773994, W24896, T87240, BE816249, BE259711, AA368874, AA248274, H56269, AA908719, BF088933, AA03744, BE773973, T29748, W21422, BE927447, AW407237, AW075348, T05740, T24051, T87157, AW361232, AA056364, N74166, BE773977, BF356669, BE775576, BE773987, BE773997, BE773995, W68233, BF088932, AW853634, AA991598, H04126, AU127165, BF740840, BF364217, BE773947, BE177132, N84336, AW753242, BF832460, BE773984, BE810833, BF945806, BE841985, BE696002, T25762, BE931899, and M63488.</p>
HFKBA32	203	987018	1 - 1853	15 - 1867	<p>AW103875, AI859472, AW512687, AI208658, AI683140, AW510341, AW189037, AA075515, AI552215, AA293804, AI634702, AI972816, AA451904, AI204509, BF111273, AI808769, AI206090, AW170346, AW102571, AI91895, AI683354, AI683449, AI800229, AW105621, AW517880, AA628896, AA972922, AI131418, BE393771, AI269897, BE898899, AA477548, AA534766, AA406431, AI128837, AA55137, AA477050, AA563656, BF464212, AW054677, BE208243, AI972158, BE394824, AA432228, AA291675, AA719455, BE394667, AA496562, W67669, AA433859, AA936665, AA452084, A6003747, AA704365, F02471, AA688338, AA292518, AW166518, AA828939, H50634, A6003048, AA075526, AA078977, AA025750, AI609687, BF750539, AA1010660, BF035171, AI955963, AA287213, BG150710, BF061263, AI087799, AI459028, AA428593, AI932457, H50635, BF223547, AA284324, W67668, AA327201, AA506658, AA977638, AW772554, BF674284, BE694854, AA722190, AA507349, AI540421, AA010659, AW189604, AA290981, AA969241, AI685657, AA025902, AA406009, AW088425, AA477670, AA402537, AA477179, BE001672, BE382381, BE746798, AA34184, AA477553, BE931271, AW49395, AA290980, F02231, AV705972, AA402896, AA401329, T28367, AW207468, AW079060, AI521428, BE515017, AA477665, AA335459, BF883518, AA405299, BE001677, AA385556, AW779288, AA403038, BE001587, AW467094, AA411029, AA411533, AA908550, AA295236, AA385354, H063250, AA402928, AI130774, AW955301, BE816517, BF877343, BF877245, A53726, AI031663, AX014329, and AI8924.</p>
HFKBA32	203	987018	1 - 1853	15 - 1867	<p>BF310989, AA779683, AA778834, BE671061, AV751426, AI055953, BG257892, AI609802, AX014329, and AI8924.</p>

HHFLU49	204	987071	1 - 1380	15 - 1394	<p>AI860336, W27660, R52806, AW195940, AI380154, AV752306, AI174219, AI422421, AV753926, R44985, T19342, Z45051, BF313622, NS0668, AA699401, AI912462, Z40782, AV754072, T32252, AV754907, AW16140, AI382444, R20199, AW519215, NS0758, BF831401, BG153108, AW748527, AI449781, AI449783, AI449725, AI449784, AI449726, AI202657, AV702148, AI121740, AI031652, and S88401.</p> <p>BE792620, BH019329, AA485440, BE793998, AA690992, BE205890, AI191926, AW194434, AI184921, AI033575, AA455208, AW079396, BE769697, AA485606, AI089456, AI332821, AA630354, AA490222, AA454866, BE677870, AA744740, AI392667, AA856590, AA401195, BF529066, AW473066, BE798034, AI825496, AA352810, AA282213, D20119, R85135, AI564870, AA282165, AI453191, T28579, AA348281, R85086, C02583, BF813606, AF245447, AC022154, U48213, and D28468.</p>
HOENX16	205	987112	1 - 3893	15 - 3907	<p>BE891680, BE178297, BE178296, BE178286, AI268332, BE670810, AV707583, BF195477, BE177969, AW951402, AV958955, BE551841, BF445193, H97932, AI741806, AA4778566, AW157094, AV646610, BF4448214, AI268370, BE551065, AI702945, AI424098, AW451803, AI692508, AW167867, AA628493, BE044558, BG116437, BE218339, AI598189, AI854033, AV653817, AI817262, BE220165, BE467572, AA971551, AW043615, BF109315, AI036744, BE219699, BE219449, AI819558, AI057105, BF448042, BE178117, BE168027, C06098, AI887913, BF514130, AW119900, AI459272, AW025400, BF434156, AI703246, C06099, AI698531, AW149578, BF058188, AI791586, AI17870, AI420664, BE178000, AA283186, AI703125, AA394164, AI366783, AI377829, BE178101, AW149393, BF940116, AA464836, AA483691, AI951466, AI371041, AI622898, AI566539, BE219820, AI371032, AI199202, AA583355, BF058198, AI089906, BF116136, BF115258, AA977253, AI146316, AW197103, AI094921, BE326470, AA971743, AA994584, AA04947, AI075961, AI393161, AA04943, AI202319, BE327284, BE669883, AI589590, AA972772, AI632940, AG628533, AW341013, AA629360, AI215842, AI039295, AA532381, AA931937, AI076496, AI081377, AV003065, BE856431, AI299481, AA932867, BG149327, AW079999, BF436113, AI376081, AI222964, AI362071, BF061630, BF434279, AA427892, BF115881, AA618566, H98616, AI911958, AI080656, AW028772, AA628503, AA884934, AI184689, AA433882, AI37324, AA057166, NS3018, AI256893, AW341785, AA934413, AA434383, AA513037, AI673829, AI376275, BE671351, AW771579, AW152313, AW104344, AA453341, AA994794, AA730790, AI139706, AW163063, BE672575, BF514498, AW139974, AW450904, BF732982, AI560166, AA92454, BF437946, AI268743, BP058175, BF723263, D52997, AA759378, BF448255, BE564373, BE766897, AI550218, AA292346, AW969749, AW265630, N99630, BE219748, AV646822, AI094082, BF431731, AD268578, AA452493, AA577028, AA484501, AW051780, BG149815, AA405847, AI279152, AV723873, AW015816, AI279039, AA230021, AA482694, BE504543, AI833225, BE672185, D62553, T75442, AW966446, AA384817, AI143652, BF514561, BE858120, BE972813, AA001089, BE222561, AA228265, AI205651, AA829807,</p>

					AA332060, BF229130, R80152, Z36959, D44840, AI692586, BE709287, AA668713, AW028893, AA935871, AB311975, AI313288, AW951403, F13013, F10610, AI910420, AE370372, AA516076, R73731, R73650, AI348747, AI610907, BE180375, DG2841, BF438546, AI611925, AW297589, AI784325, D45510, BF054671, BF502727, AI671347, AA621928, BE180154, BF886759, BE180152, AI351256, AA745667, DG2330, AI371476, AW451761, BF054866, AI022726, U28368, Y07958, U16153, X75018, AI001972, AF077859, AI001971, AF030295, AI133390, AF085889, R20393, X35511, R43511, R80886, N71679, AA010053, AA149057, AA464151, AA730631, AA923038, AA934400, D79281, C20741, AA10247, AA410595, AA410596, AA436359, AA454080, AA480072, AA482617, AA709262, Z42701, AH69038, AI188065, and AW297335.
HTFOW71	206	987165	1 - 3700	15 - 3714	AU118585, BE875298, AV682483, BE708709, AW965424, BF031382, AA908770, AW194236, AA863229, AA292918, AI140754, BE130541, AI921186, AW188519, BG149424, AA878230, AI828605, AW975392, AW875536, AD99757, AI803722, AW749448, AW474515, AW474470, AI014812, AI373797, AU158313, AA526126, AA809213, AW273542, AW191931, AV715119, N62972, AI914731, N50836, AI784523, AA935043, AV681975, W04335, AA741240, N79876, AA814785, AW876605, AI000955, AI096936, AA767593, AA827102, AW876602, AW023275, AI04777, AA480539, BE007133, BF961785, AV659835, BG026599, AI358045, BF367902, AW340779, AW379327, AA280431, AW393163, R88194, AV749193, AW516924, AI095334, F17499, AW972832, AA527642, BE765701, AA334408, AA745802, W03745, AA252969, AI241826, W03727, R33831, AA745278, BE173119, R73838, N73949, AI561182, AV749201, N55158, AA096078, R73839, R33832, BE007129, N74169, AI934211, C02132, AW373395, AA253011, AI571875, AW015268, AB018256, AK026643, AK023740, and AF121862.
HTTAG03	207	987262	1 - 1291	15 - 1305	AU130318, BG259774, AU125274, AU128855, BG256568, BG177060, BE257156, AU129041, AU700706, BG024376, AW364136, BE548336, AU128166, AW386043, AW601873, BF525772, BE019700, AU132416, AU127646, AA291324, BE905471, AA179587, AW503906, AW996355, BE747534, BF087827, BE709414, AW197058, W26424, BG257764, R81308, BF754332, BE256391, AU133402, M85963, A W993840, BF754246, AU125115, A W380030, AL121131, AA207003, BE390411, AA332904, BF736085, AV724551, AW373274, AU123386, T09019, BF932018, AU133513, T31784, AU132106, N77135, AU142640, AU128923, AU130530, R18813, Z43001, AU129525, BE694459, T34189, AW975891, F12246, T34191, BF085466, BE719825, BE376318, AU128888, BF968200, B3928373, A W163398, AA985239, T77416, T30644, AI14655, BE171681, AA333145, BE887490, BG004439, BG001543, AA972641, BF895334, BG112027, T30285, R34764, R02971, AW503416, T65268, AU132457, BE719079, AV706679, BF895331, H19179, BE295342, BG252015, BE161948, AA156130, BE007849, BF845158, AA429537, BF514515, AU126430, BF929781, AV756829, W96495, BF841516, AA218823, H87691, AA082864, AI989432, AW843600, N56845, BF761493,

HN1NN89	208	987577	1 - 1774	15 - 1788	<p>BF899121, A1003240, T78660, BB002101, AA525285, AW340165, AF017083, AF043220, AF043219, AF036613, Y14946, AF038968, AF038969, U77948, AF035737, AF038967, AF015553, AC004883, AC005098, AC005080, AF267747, AC004166, AC008267, AC004867, and AC004878.</p> <p>BC031718, AW513358, BF976544, BF438157, BC032811, BF331293, BG024716, W79562, AI35366, BE884963, BG117015, AI015417, AI495361, AI168365, BF888337, BE716684, BF898627, BE252747, BF092574, BF026987, BF092380, AI313235, AI186042, BF869862, AW802013, BF835770, BF689427, BF002648, BF842552, F01241, BG256421, BF805719, AI460023, BG030479, BF309323, BG256560, BE763786, BG031518, BF922507, AW498536, BF882825, BF988866, BF182880, BE733066, AA452576, AW601526, BF027104, BF882823, BF083180, AI195362, BF814079, BF314540, AA343903, BE799663, BF29237, BG27848, BF812714, BG007737, BF229214, BF629579, BE771762, BF827229, BE781509, BF346947, BG003854, BE747136, BE933685, AW499012, BF527029, AA248724, BE899626, BG030023, BG164309, AU141520, AI075687, AW498552, BF025833, BF900113, BE173877, BF912681, BF313647, BF954395, BF577992, AA377565, BG256431, AU118535, AF795846, BE140733, AF795807, AF795845, AI834271, BE140736, AI795820, BF766160, BE278426, AF795809, AI816586, AI816599, AF795804, AF795835, BE140737, BE140735, AF795812, AF795806, BE140736, BE839312, AF795802, BE811847, AF795830, BE772922, AI834270, BE140734, BE140738, BE694678, AF795853, BE140757, BF923079, AF795850, AF795844, BG031631, BE273730, BG176652, BF894840, BF981708, TI2220, BE560871, BF348639, AA932663, BE140785, BF851195, BE775906, BF357970, AW177740, BG177284, BF889126, BE294313, BF984543, BE140782, BE707376, AA554454, AA706989, AW845338, BF882819, BE769206, AW580354, AW177756, BF966485, BF375580, AW581253, AW732883, BF203759, AW732860, BE616578, BF923384, BF842532, AA452754, AW607307, BF769218, AI834266, BE168455, BE814247, BF089125, BE082661, BE769200, BE510367, AI905996, BF972638, BE279001, X51466, Z11692, AF079098, AF079099, Y07504, U17362, AI13708, BE01155, U89415, X15337, X15335, X15336, X13988, Z34449, AC002347, and X04267.</p> <p>AI347165, BE674960, AW262846, AI524881, BF590769, AI479150, AI524880, AI765046, AI954702, AI862166, AW341529, BE671360, AI979234, AA425381, BF222205, AW271374, AI498382, AI350299, AW207600, BF445305, BF939315, AA971011, AA045629, AA047515, AI675480, AI952656, AW136682, AW886735, R94308, AI135217, H92097, AI564888, AI566024, AA676245, TG7202, AA885307, AA450915, AA460100, AA906376, AA935669, AA39986, BF590005, AW318625, AW769577, AP000503, AI132713, AF134726, AI122094, AI245661, and AV4401402.</p> <p>BF110739, AV704400, BG119539, AA905643, AA011185, AW975682, AA730907, AA736634, W70729, BG116516, BF914127, AI751939, AW963708, BE734515, AI242625, AA374275, AI148822, AX046526, AX046525, and AB023209.</p>
HRADQ96	209	987636	1 - 799	15 - 813	
HLDC116	210	987808	1 - 955	15 - 969	

HCOPH23	211	987900	1 - 591	15 - 605	A V729764, AA489568, BB938598, BE535256, D63283, A W177206, AA992072, BE843894, BG108043, BF836510, AW592116, AW996479, BF920145, AW996421, BF666980, AW996637, BE568865, BF216333, BF929243, A W950983, AA355341, BF036942, X89478, and A84106.
HEEAQ78	212	988159	1 - 609	15 - 623	A1203969, BE296775, A1694104, AW006595, BG259789, W19306, A1202279, A W117484, A1244102, A3560001, D31227, A W173045, W30958, D31245, W79314, A1968556, N27070, D30986, W87553, AW099257, BE550156, A1589893, A W204247, A1366748, A1803886, A1138445, A1313140, BE468140, A1458728, A1275451, A1279857, A1674281, A1431916, A13664610, A1978380, A1269434, A W303460, BE674620, A1803131, A1867122, BE21203, A1925957, A1435892, A1767332, A1218515, N99243, A W770741, A1279859, BE670348, A1379346, BE463388, A W663406, A1265771, H85592, BF110468, AA464584, AA909667, A1073818, A1243233, AA502751, A1804773, BG009489, A W779926, A1697614, A145024, A121250, AA889081, AC005746, U28049, A7249317, U15566, and AK001031.
HOFNY16	213	988363	1 - 1198	15 - 1212	BG164515, BG111223, BF112285, BG026284, BF684158, BG112559, A1741360, A1028092, BG027394, A W054930, AA843208, A1712117, BF106122, A1885734, A1086370, AA779766, A1149382, BE465615, A W131854, A1589032, A1761580, BF970936, A W338608, BG028559, BF594649, A W957967, BE535650, A1221082, A1538973, A1457118, A W305001, AA224194, N32622, BE857341, A1332782, AA574231, A W166459, AA502344, A146132, A1333381, A A918408, BF700624, AA843391, A1188410, A A911794, AA694111, A128450, A1077450, A183618, A1695163, N71175, A1359210, A1636223, A1076169, A1573833, BE645009, A1969702, A1679434, A1679944, A1632818, A1751761, AA464068, AA677764, AA262544, A W611909, H98169, A A316805, AA224296, A1351595, H46974, BF939054, A1094637, N29775, BF000254, AA191432, BE439725, H99191, A W008944, BF317333, AA261907, A1654665, AA766635, A A629945, AA345802, N49576, BF941630, AA513768, N21971, A1469939, AA731203, A A627622, A1222668, A W627836, A128771, A W206264, A1678337, AA463932, AA526189, A553798, AA526159, BE615345, BE615934, N24474, AA781062, BF373261, A1766011, A1004436, A1249345, A A027991, A A366773, A A344096, I0708, A W131678, N28380, W19349, A156209, A A333690, N47841, N57194, A W337311, A A027990, A A618114, AA861099, AA508759, A A780171, AA355540, AA508773, A A528039, A W972443, A W972641, AA535956, T25759, BE770747, AA918251, BE164977, BF997435, A1687527, A1749060, A W197976, H83283, A W104117, A W866581, A W866501, BE841187, BF374341, A W969030, BF001680, BF792390, H61031, A W866266, A W132056, A1590043, BF812960, A433157, A702073, BE812961, A1950892, A1635942, A163125, BE047852, A W627289, A1114703, A1280637, A1648454, B F970652, A1435253, A1633125, BE047852, A1445611, A1514717, A1569583, A W366372, A1693591, A W129659, A1635461, A1888208, A1862139, A W168650, A W026882, A1491775, BE964614, BF724198, A1431975, BF814453, A W251034, A W051258, A1536685, A1802542, A1818980, A1515191, BF816942, A V729953,

<p> AI670009, BE965621, AW086113, AI670002, BG109131, AL513961, AD254731, AI564719, BF814412, AI815232, AI677796, BE965121, AI619502, AI445432, AL514579, AI687728, AI513597, AW166903, AW235482, AI435641, AI637584, AA292158, AI286256, BF925729, AW081035, AV735235, AI648509, AL514047, AI690426, AL514357, AI045500, AI687362, AI267102, AI926790, AI40239, AI590830, AI890833, AI812107, AI039086, AW148408, AI612913, AI513577, AI620003, AI799183, AI559296, AV703585, AI582391, AI687127, BF921291, AI079075, AI134830, AI589884, BF856017, AL514701, BG180046, BE963244, AI636588, BF868489, AW104724, AL110239, AF151872, AK023498, I89947, AK026506, AL110225, AF113019, AL110280, I48978, AF116631, AI162083, I09499, A08916, A08913, AB047904, AI133557, S78214, AK077096, AI137557, AL110196, X82434, AB049880, AI117463, AI359596, AL137480, AK025092, A08910, AF285167, AF314091, A65341, E05822, AK026480, AI122050, AF177401, AK026504, AF119875, AL117457, AI359941, AK027173, AL050149, AF116682, I89931, A65340, AI049452, AI137556, AI353940, AR087170, AF116688, Z82022, AK026927, AF113694, AK023084, AF130105, AL42082, AI133665, AK024594, AB051158, AK026744, AL389935, AK026532, AF119899, A77033, A77035, AL050208, AL050146, AL133619, AL389982, AI162004, S54890, AF119909, AL117460, AI359601, AL050116, AF125948, I48979, Y11254, AL133080, AK025339, AK026855, AL137459, AK000323, A23630, A08909, AF135640, AF118090, AB048954, AK027160, AF090903, AF130077, AK026542, Y16645, AB048953, AK026045, AF111851, AI133016, AF090901, A005690, AF116691, AF113677, S56676, I33392, AK026959, Z13966, AI049382, AK024538, AF183393, AI110221, AF090900, AF230496, AJ000937, AB041801, AK026583, AK026784, AF116646, AI122100, AI133075, AF158248, S68736, AI133113, AF106862, AK026534, AB049892, A86558, AF225424, AF130099, X57961, AI050393, AL359618, X72889, AK026592, AL080124, AF078844, AF091084, AB052191, U37359, AF146568, AF090896, AL050138, AI133606, AF090934, AF113699, AL049314, AK000083, X63574, AL080163, AI122121, AR038854, U75932, AF090923, E02349, AF110296, AK026741, AK027204, AF116602, AF130087, AB052200, AI133082, S61943, AF130104, AI050277, AI137283, AF097996, X70685, AK000618, AK000212, AF079032, AL050108, AK026647, AL035458, AI133637, E03348, AF113689, AF130065, AF119878, AL049466, AK026613, AK027164, AF242189, U57352, AL157482, AK000647, AI122093, I68732, AI122110, AF119994, AF071437, AK026894, AK026528, AL050024, I33391, AF218014, AK025407, X38490, AX019230, AI133565, AK026802, A58574, A58523, AK026865, AK027081, AL049938, AF119865, AK000137, AF107847, AI137271, AF130100, AI353957, AK000074, AB050431, E07108, AF039138, AF039137, AK000391, AI353936, AF113013, Y111587, AI080074, AK024747, AI117583, AF176651, AK025414, E01963, AI162006, AK025491, AF119857, AK026452, AK025113, AK025772, AF138861, AX006092, AF111847, AF106657, AF079765, AX019229, AF104032, AL049464, AF109931, AF118094, </p>				
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				AF118070, X80340, U58996, AK024974, AF026124, AF157431, AL117443, AL117435, U35846, and U42766.
HSI, CX45	214	988441	1 - 1594	15 - 1608
				AU138309, BE378723, AW954529, BG170125, BE407482, BF345314, BG110266, AU126439, BG250887, AD07589, BE558230, AW370396, AW514900, AW614778, BE873057, AW370434, BF968320, BG257066, AA166771, BG112058, AL525443, BF346757, BG118689, BE545196, A1808350, AU128363, AU076009, AW748425, AU135389, AA167097, BF75068, AA430610, A1825617, AW796311, AW182707, AW748427, AU026641, BG163741, H51991, AA975592, AW995935, A1264089, AA430525, A1372496, AA297731, AW73289, A1219300, AA322231, Z45337, A1080168, A1766072, BF727366, AV696797, R76072, AA384673, W24461, BF445015, A1806968, R54168, AA296920, BE171602, BF894766, BE171603, R82603, AA294943, AV692839, AA310705, AA632404, N45674, R14396, BF726113, BE892010, A1865128, AA824553, N32458, AA356894, AA166959, A1609522, AA166910, A1253143, BE162789, BF351162, A1924986, AA444136, AU075198, W05098, AA385099, AW374839, BF516243, A1248101, A1805883, AA582768, AA809507, AA731343, W44721, AA862207, R56252, AA826145, AA573521, AW407346, BG028788, N92283, BF454079, W38624, A1373279, A1150941, A1655627, AA889359, BF439835, AW613357, A1304379, A1133843, A1143202, A1767348, BE671632, AA055559, AA400410, A1826612, A1656566, A1433399, A1361012, A1214658, U32981, AW513581, AW513568, AW772436, A1530640, BE670317, T19107, AU150661, BE220152, Z41049, A1524537, AA700295, AA001677, AW768493, BF726112, AA730248, BF196078, AW511016, A1693099, A1695113, A15150675, AA948601, AA450020, AW081598, AA947191, BF515680, A1826592, AA031305, A1693090, AW748435, T93242, AA436536, AA528688, BF034090, R82604, AA826163, AA669789, BF591968, N48257, BE550159, BF389688, T93135, AW051111, BF754254, D79627, BF184824, A1887184, BF448111, BF993582, H30152, AW844424, BE972243, BG178888, BP934121, AA180040, N35415, AA555145, AK001437, AX0010197, AB006572, AF091095, AX010199, AF000693, Z82196, and A1916220.
HLMD909	215	988499	1 - 577	15 - 591
				BE791453, BE266718, A1831454, A1478449, BF204533, BE728534, AW872373, A1366669, A1280407, AA306735, BG149615, N93873, A1268479, BE669813, AA465678, BE550202, AA912151, AA394238, AA972278, AW138759, AA310901, AW004693, AW008896, H16033, AA576640, AA292385, BF307199, BF511769, and A1074225.
HOVEF60	216	988526	1 - 1429	15 - 1443
				AA863120, BF732255, BE326946, AW298244, AA017053, AA435512, AW295622, AW295626, A051643, T35592, BE039132, AW294754, AA393547, T35591, AV699140, AA969193, R05527, A1085442, AA372985, R22075, A1160237, AC022137, AC021452, AC010636, AC002097, A1072711, AC006452, A1022326, AC008469, AC005520, U82670, A176315, A1136969, A1365217, AC008770, AC005057, AC073316, A1133258, Z97504, Z69387, and A1P00344.
HOGDR72	217	988536	1 - 530	15 - 544
				BF967495, BF211711, AW232785, BF526862, BG025286, BF079085, BG027660, BE251902,

HOCMF20	218	988536	1 - 1296	15 - 1310	<p> AV762304, BE260454, BF129885, AV741191, BF681456, BE900727, A1884918, A1095756, F30101, BE254907, A1U26691, AV714954, A1827092, AV743251, AV710583, AW732886, A1E44424, AA584218, AA744890, A1000848, W16526, A1744804, A1857538, A1264687, W47377, BF792830, AA040213, A1609680, A9937134, A745024, BF681171, A1A557625, BG221394, BF239199, A1188746, AV721211, A1855009, AV715743, BF686712, A103767, A420847, BF965251, AV724057, A1312889, A1342092, A1392941, AA707399, A135264, AD298244, D61196, AA707532, A1338594, D20757, F24231, BF447322, A1650234, AA758576, N29939, A4468938, W05637, AV751983, A1313977, A1683539, A4336913, BE868256, F19198, AV737070, D51524, AA420429, A1657493, A1749529, A4336917, AV008966, H10544, A1131360, A1037998, BF240779, A1751883, A1313970, A1051789, A1159957, W47378, AA523187, A1W026532, BE887794, A1857469, A1657513, F24557, AA146866, A1720892, F36863, F28793, W32386, A1A146867, A1W007089, BE672619, D81191, A1A968838, BF337165, D51520, AA889941, BF954574, BF209878, A1632059, A1576811, A1300706, T79725, AV739817, T68141, BE812441, R73094, A1339720, F19462, BE073352, AA724959, A1961393, A1336135, A1138721, F27913, T30336, A1204128, F31843, T32200, AA568145, T36073, N74191, BF210913, T67995, T92099, T71446, BG24284, F34123, A1794924, D56154, BF954482, A1W884243, A1W939886, A1083105, D81173, A1313992, W23155, BF230976, A4471133, A1W631265, BF572665, T31892, BF31513, D81247, W04353, BF572508, A224841, C03173, BE972561, W05779, R29137, H89590, D53867, BF799254, T35945, D52190, AV737705, A1936104, N92532, A1630017, AA040193, A1922437, AA382273, A1161393, F22684, A1W741683, A1A996319, T36223, F29277, A1719994, AA721470, AA622177, AA040194, BE073240, W38814, A13382638, BF40821, T77554, H24146, BE907742, BE073229, BF588473, A1191983, BE905959, BF431001, A1633270, BF572727, A1860915, A1046356, A1041862, A1079977, A1017269, A1022287, A1138958, 142855, A1022284, A1004493, and A1005570. </p> <p> BE514634, BG256857, BE870314, BE537227, BG107758, A1U157540, BE379227, BG180584, A1039903, A1W957081, BF666246, AA041527, BF223913, A1083688, A1452952, BE463637, A1768938, A1354883, A1569996, A1168582, BE746240, A1189869, BF930629, A1U138248, BG167829, AA214649, BF897138, A1W613854, A1086670, R70656, A1W262560, A19060264, BG176733, A1862839, BF992831, BE613477, BE614226, BF772857, BE741553, A1369318, A1308795, A1334622, A1W749053, BF979310, BE541549, A1990089, R01145, A1367593, A1990695, A1379173, A1449915, A1866597, A1024032, A1435840, A1670197, A1A847919, BF195634, A2428230, BE707671, N81095, BF196800, A1476295, A1W818630, BE677003, A1W630122, A1W582595, BE072906, BF899151, A1W818433, BF928637, A1A211075, A1W582587, BF877092, R05760, A1W58854, BE964371, BF773525, BE937222, A1A079305, BF799977, BF982105, BF983362, BE927423, Y10043, A1F003628, A1X012194, A1X011713, </p>
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HAMH26	219	988737	1 - 915	15 - 929	AF022465, AL357512, Z83826, Z93931, AC016617, AC002526, Y10044, AL353728, AL137124, AC005519, AC005479, AL136994, AL034450, AC002375, AL049709, AL047701, L05085, AC004493, AK025903, AK025579, AB016091, AB002322, AF201422, AB016092, Y17793, AX030435, and W07456.
HHFOX44	220	988904	1 - 951	15 - 965	AUI28934, AN295223, BE644400, AA991409, BU896488, AA330115, AA802497, AW803075, BF307480, BE771630, AL565361, BF305159, BG035692, AU143667, BF888160, BF088952, BC167064, BF316003, BG105910, AL533676, AA689522, AL527443, BF310865, BE561846, BE902727, BE250595, BE562560, A970905, AB014077, AC004209, AP000513, U63336, and Z63167.
HPWDE54	221	989029	1 - 4052	15 - 4066	AL526701, AL524546, AL332453, AL527039, AL523903, AL526253, AL528026, AL527184, BE313151, BF981949, BE382548, AL528052, BE382760, AL530393, BE563051, BF316765, AL525360, BE295221, BE395130, BF343372, AL524555, AW161570, A7522220, AL528025, AL523902, A752281, AL532452, BF316189, AA780343, BE314081, A7517114, BE710678, BE312148, AL525320, AA838048, BF526000, BE262585, AA308676, BE35562, BE295717, BF340685, BE714898, BF206587, BF207314, BF875508, AL527163, BE383255, AA532924, BF312104, AW160787, BF342085, BF206655, BF338128, AL524678, AA443563, TG1701, A7520244, AW605824, BE792572, BG026032, AA377814, A815410, AA042827, AL460348, AL656667, R19505, A09809, X16302, M35410, S37722, M69237, AF074854, S44612, AF120326, U21117, AC007563, M69239, S37722, and U21118.
HNOAX46	222	989183	1 - 2741	15 - 2755	AW857689, AW276231, BE551292, BF308481, BE299013, AA490201, BE670363, BF666930, AW005386, AW176271, W58532, N34876, H49263, AL989984, BF380965, BF351245, AW604667, T65325, AA316606, AL632927, AA284855, AW175932, AA456691, AA479509, AA284772, BF882124, BF754718, AL332652, AA479512, AL344533, H20606, BE502863, BF527371, A1025009, A914188, F11769, AA449658, BF093603, AA592445, H14740, H69342, BF329858, H78105, AA065099, BE220691, AW003734, R91727, BC015459, AW468776, AL239843, BF333777, AA411443, AL135088, AA235153, AL631557, BE048365, F35147, BE311701, BF803133, AA479511, AW080475, AA689564, A1093007, BF329815, AL1367837, Z41915, AW051387, W24995, AL613126, AW975318, AW383213, BE2282, H24463, BF761621, BF834044, NS5797, BF761000, N39800, AA284683, AL582820, AW444888, BE326218, AW002105, BE768127, AL30138, AL681729, H60265, BE940320, BF326820, AA284567, AA815230, AA476964, BF911584, BF909991, AW183890, A1241032, W46875, AA084319, AL633647, H94957, AL262918, A1022584, AW005596, AA33950, H82389, AL683444, AL520600, and M65156.
					AUI19537, AUI34978, A1064838, A1064875, AW007726, AW703643, AUI27757, A1694749, A1819136, A1887756, A1869305, BE885171, AA600798, A1887625, A1628095, BF061377, BE348369, AA723035, BF525409, AUI48211, A1203615, AUI45850, A1878344, A16169246, A1523583, A922660, A1589554, BE720104, A722120, A1805580, AUI48112, BG250310,

AI377058, AI810912, AA398656, BF996331, AU148093, CO5969, AW874271, N66451, AI073379, AI669977, BF571021, BE674095, BE297119, AD900024, AI371810, AA075584, AI623425, AI279574, AW971637, BE620518, AI699097, AI943871, AI291024, AI492893, AW960228, AA115284, AI270722, AI279299, AG697501, AA634410, AA706055, AA916888, AI222756, AI741475, AA156985, AU155745, AW190821, AW169279, BF243533, BF111354, AA845441, AI954086, AI680250, AA398754, AI093023, AA159897, BF243533, BF111354, AW701004, AI120202, AI298221, AA894561, AA210731, AI094211, BF476045, BE047218, AI363414, BF940231, AA664129, BE513935, AI805397, BF340684, BE790182, BF806198, AI346470, BE620915, AA713506, AA507594, AA625928, AI275221, AV660625, AA616520, BF809549, BF594770, AA292833, AW513038, W17099, AI281346, AI246750, BF822594, AW337467, AI457557, AI273621, AI358407, AV660420, AI089874, AI985765, AA565456, AI371111, AI051001, AA160265, AI301506, AI077775, AV271244, BE311714, AW044421, AV691111, AA508866, AI190740, AI672382, AI171627, AA307462, AW439122, BF382756, AW276059, BF376236, W33010, AA918085, AV659734, AI073377, BG015156, AA653335, BG113981, AI126887, AI079660, AU148196, BE146057, BF979837, AI475605, BE767928, AI751734, D57160, BF727149, BF448001, AW015164, AI922611, AI683103, BF525402, BE181216, AW511814, AW073312, BE940492, AW243771, AA977865, AI564424, AV699550, W35397, AI751906, BE971256, AA844327, AW630218, AA877447, AV650593, AV709628, BG012725, BE875929, AI171771, CO0682, BF837333, AA730730, AW057767, AV659922, AI940034, AI19824, AI630539, AI041582, BE338606, H87492, AW239505, AW021613, AD26700, AI933833, AI272094, AA621794, AW517994, BE767925, AI628171, AI572928, AI224383, AI260937, AI700135, AA029668, AI690407, AW768363, AA418591, BE965181, AW020196, BF804869, AI165005, H45176, AA327980, AI368771, AI422039, AI811735, H11196, AA502116, AA631471, AI171737, W45662, N90940, BE843804, AI050655, BF475871, H11102, AI383266, AA603578, AA853548, AI672986, AI581920, AI052283, AI805968, BF806807, AA639457, AI096876, BF125741, BG012720, H40424, AI168134, T48727, AI300920, AA614282, AIW088935, BE768420, AA771963, AV684034, AW264774, BF337920, D82656, X79067, X52590, AK024202, M58566, X99404, AF061981, AC020910, AF123320, A75260, AF061982, M58564, I48979, I89947, AB048953, S78214, AF116644, AF116639, AF116691, A08916, AL049938, AF113013, AL049452, AF133640, AF113691, AF130082, AF113689, AF116631, AF271981, AF116688, AF116602, AF101014, I48978, AF130105, AF090934, AF130059, AF090903, Y11587, AF078844, AL050116, AF118064, AL157431, AK026865, AL110221, AL080060, AF090900, AL110196, A9041801, AF090943, AF119875, AX046603, AL138978, AL133016, AF104032, AF136890, AL050149, AL17460, AL162083, AF118070, AL050993, AX019230, AF122050, AF119878, AF116646, AK025339, AF090901, AL390167, AL359596, L31396, AL117457, AF113694, AF1330092, AK024538, AL050146, AL137527, AF125949, AF138861, AR059958, AL442082, AB048964,					
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HC00028	223	980280	I - 1134	15 - 1148	<p>AK026608, S68736, AF218014, AF130075, A08913, AR079032, AL359601, L31397, AB050510, A242859, AL442072, AB049758, AF106862, AF111847, AL162006, AL133606, AK000212, AK026741, AL121656, A93016, I89931, AX019229, AL137550, AR087170, AL049382, AB047615, AL133075, A050108, U91329, AL133093, X63574, L080742, X84990, U02766, AK025958, AL122049, I33392, AR011880, AF090896, AK000618, AL050138, AX040958, AL133080, AB047904, AL049514, AK000452, AL050277, AL049430, AK000614, A05341, AL137557, AK025084, AK026462, AF115699, AK027164, AK025414, AX030099, AL117435, AF130066, AK027204, AK026583, U72620, AF113019, AF119871, AL157482, AB019565, U35846, AL110280, AF119899, AL080159, AF119909, AK027113, AK026480, AF219137, AF113676, AL1080137, AX026824, AX026823, A03736, AL137283, X82434, AK026542, AK026353, AS8524, AL133113, AK000083, AK026528, U00763, AL122110, AS8523, AB048974, AB051158, AL122093, AL096744, AK026534, AL353956, AF230496, AL389982, AL133104, A239431, AK026744, AL162062, AL137459, AK026408, A08910, AK026629, A77033, A77035, A08909, AF158248, AX042059, AK025491, I09360, Y14314, AK026452, AK026642, AF177336, AX040974, AF183393, AX006092, X08834, AL049464, AL050024, Y16645, AF225424, AK025484, X93495, AF242189, AF017437, AK026504, AF061943, AF119865, AL117585, AF146568, AL049466, I03321, AF087943, AL1353625, AF271350, E03348, AF097996, I26207, AF238278, AK025632, AF067728, AL133077, AK026855, AK026784, AF119894, AK024588, AL359622, T49704, T49705, R22942, F23048, R24000, R24169, R36645, R39724, R33095, R72816, H00564, H00565, H18796, H19835, H43611, H44654, H45175, R82949, R83142, H89284, N42350, AA160264, AA171703, AA210861, AA232978, AA262591, AA463654, AA418653, AA424743, AA283920, AA283919, AA492125, AA551494, AA639050, AA662041, AA765871, AA768524, AA857989, AA953584, A1005538, N84392, W44442, C02453, N86404, AA642653, AA648371, AA441954, Z19687, AA708484, AA725245, AA853547, AA905854, AA962353, T10948, T17190, AA953836, AL254359, AL273937, AL306707, AL378429, AH32005, AH400922, AH73488, AH70607, AL568121, AL569533, AL581017, AL623668, AL628554, AL208299, AL537099, AL342593, AL613277, AL683073, AL696356, AF784432, AL862374, AL866360, AL949530, AW024495, AW090146, AW117844, AW073483, AW148468, AW166720, AW166985, AW169053, AW169190, AW196010, AW265452, AW265453, AW189688, and AW194540.</p> <p>AL520689, BE735404, BG112775, A1857685, BG167421, W19090, A127950, A1093116, AL057245, AL498052, A1857396, A0931150, A0894527, A077433, AA814912, AA729327, AA910659, AW405693, AA856412, AA564329, AL623269, AA846844, L16770, AA932274, AW854929, BF667815, BE208685, AH70094, T89616, BF754529, AL208399, N79612, AV756491, AW328331, AL625604, AL635440, AW370878, AL698941, AL282253, AW069227, AW969824, AW819125, BF725844, BF804385, AL687343, AL609972, AW968338, AL046746,</p>
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H001A95	226	989396	1 - 3136	15 - 3150	AU118053, AL761722, AU133368, BE220681, BE904300, AA903124, BE218371, BE875326, BF110216, BG254932, BE393532, AL134316, BG103299, BG177247, BE885702, BE154897, BF037984, AL831473, BF574765, BF570023, BG260292, BE439745, AA604081, AA603455, AW629057, AL817117, AL694566, W80392, AL935246, AU144710, AA887227, BE154865, BG104770, AL076013, AA211611, AW168295, BF672060, BE154866, BF036385, BE154898, BF355599, BF671956, BF031143, AW769409, AW263745, AW977292, AA216883, BE075303, AU154716, BF215526, BF800037, AW086007, BE871344, AL281897, AL827407, AL244255, AL660036, BE789605, AL559254, AA044091, BF983298, AL122753, AA917034, AL637588, AL808102, R60765, W78970, N22921, AA393852, AL040177, BF229422, W56449, Z33451, AW771892, AL190898, AA547998, AW262400, AL188686, AT262430, AA604102, AA044281, AA765282, AV722457, AL338330, AL159042, BE880891, BE574179, AL338329, BF103937, BF219369, H18545, AL973242, BF105139, AA393851, BE691180, AA995784, R60253, AA569460, AA936280, F00764, AA993733, AA031985, AA541308, R67234, BF229418, BF802756, Z39821, AA173320, AW136432, N63356, AW316605, H51502, AA173319, AU124276, H02648, BF672600, Z26973, R81685, AL244925, AL016876, H18437, BF686307, AW265135, TS4070, AL541355, AA565781, AW023057, R74303, AA656745,

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HITEM016	229	990060	1 - 784	15 - 798	BF309104, BE559524, BE281458, BE385728, BE786863, AV756337, AA479378, AA806308, BF027226, AI955259, BG115810, BE257947, AI479643, AI201081, AA497114, AI522836, AW105647, AI371725, BF971945, BF037117, AI332998, BE791557, BE796212, AI832536, AI60813, AA012681, AI338226, AV733716, AI413351, BE795339, AI160821, AA417906, AI1719870, BE744787, AI911189, AA652308, AA074869, AA677598, AI196804, BF685157, AA713507, AI028708, AI583945, AI945959, BE730232, AI804084, AV701912, AI272799, AI076158, BF684668, BE512992, BF037939, AA738900, BF686755, AI084956, BF667373, AI738876, AA593880, AA478598, AI081646, AA513306, BE793024, AA419554, AI192864, AI189240, W42538, AI401016, BF032897, BF207166, BF694324, AI242445, BF975403, AI094068, BF733159, BE878000, AA620875, AI188600, AA657626, AI274502, BF680048, AI187079, AA962082, BG176811, BF308448, AA463687, AA196803, AV744973, I284416, AI224529, AA468047, F19538, AV700297, AA308585, BF244980, AI004825, AI871846, AI234166, AA234913, AA987467, AI127473, AI147167, AA187442, AA721050, AI233918, AH76030, AA234914, AA482379, BE698022, BE717214, W975107, BE163110, AA463918, AA471119, W873836, AA468083, AA872664, AA091369, W8844269, BE698050, W8844282, AI253673, AI220722, AA312835, AA969703, AA906776, AA5229993, AA469001, AA468096, W31092, AA357299, AA318396, AI003540, AW964407, AI687745, AA468927, AA720885, BF374556, AA628636, N44134, AA479333, AI186421, AA449548, BF955675, AA385197, AV742900, AW794203, BF797432, AA833536, BE833240, AA887208.

HWLAB90	220	990146	1 - 2999	15 - 3013	AA318716, AA187616, AD243176, AL371742, AA383017, BF819540, Z20217, AW602656, AW504060, AC006064, AF151075, DG6880, AF002085, AP001631, AP001748, and A74500. AV714144, BG032179, AW970180, AW968919, BG166257, AA488919, AW193898, AI809235, AF957591, W91952, AF161005, AG700100, AL339783, AK033067, BF034415, AI130078, BG002378, AI859374, BE986884, AA873447, R56753, W67396, AA514367, AA468526, AW613857, AD272684, AW303839, W67251, AA614766, R97330, AI304056, AA574117, H56576, H10098, AA488848, H10045, BF367097, C00414, AI300710, AI767837, AA918651, AW080712, AI015068, R97302, AD121930, AA977641, H81286, AA721681, AW630124, AD244872, R56905, H81342, W91879, AA009655, AI358594, AI991374, BF987177, H56577, AA862832, BF056410, R25858, BE091015, AF067817, AF118887, AF118886, AF067816, AF140280, and AF035442. BE293450, AH16985, BG259922, BE250091, BE409947, AW976132, AA127077, BG035656, AW006165, BG255815, BE267475, AW403861, AW408474, R47317, BF878882, AA074323, AW842660, BF825561, BF879325, AA806524, AD037897, BF932189, AU156313, BE788042, AW752809, AW752712, AI753037, AA602557, AU156024, AA127078, BE245636, AK001851, AK023509, AL137818, AL356108, AL023755, and AK022251.
HOSED43	231	990184	1 - 796	15 - 810	AL517211, AL518669, AL518668, AL522147, AL521219, AL525965, AL521218, AL517210, AL526016, AL529841, BF310468, BE260926, BF528453, BF792486, BF968614, BE727867, BF969532, BE741455, BF968373, BG254612, BF206651, BE780382, BF315676, BE314740, BE778351, BF337363, AI052120, AI2127936, BF967743, BG256216, BE794943, BE543980, BF037565, BE906194, BE778878, BF980637, BE618222, BE385237, BE907648, AI564007, BE250963, BE786495, BG036398, BE251987, AI539865, BE786563, BE264208, BE538552, BE239260, BE784898, BG118091, AW674383, BE313843, AW948987, BF669238, BF528446, BF125038, AW054769, BE262248, BE545571, AI921598, AA492511, AS879318, AI87898, AA633515, BE027253, BE077365, BF925551, AW341500, BF954735, BE977183, AI745475, BF954757, BE260934, AW769361, AA599303, AW956994, AD286245, AI274299, AW666003, AW958317, BE221335, AD252682, BE877011, AI82161, AI076260, BE618764, AI127273, AW190900, AA514755, AU150315, AW939258, AI906279, W73289, AA503533, BE777951, BF093632, BE163339, AW236231, BE266670, AW872807, AA653758, AA612989, AI440380, AI460422, AI271745, BF945505, BE773681, BF675437, BE967460, AF527935, AI910865, W73234, AW241946, AA804790, AI556494, AW674551, BG023980, AD08194, BE745501, BF528373, AI600448, BF724593, AW103110, BF994022, BF939323, BF991645, BF989322, BE972246, BF994018, AA806069, AA834818, AA305461, N30688, BE132353, AD289430, AW94720, AW794703, AA305936, BF993929, AA311372, BF677595, AA305330, F37016, BF993927, AW878217, AA654459, BF991629, AI215967, AI772577, H45301, BF803635, AW086134, BF994329, BF994316, H45074, R48780, H18284, BF994322, R78818, AA040670, W31677, AW708219, AA148170, AW340499, AW183355, BF993333, AW082264, BF993925,
HNODF50	232	990254	1 - 1305	15 - 1319	

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HLWBV17	233	990235	1 - 684	15 - 698	A1539865, A1649422, BG036398, AW958317, A076260, AA492311, A1382161, A1921598, A4769361, BG118091, A1564007, A052120, BE385237, BE777951, A1286245, A1252682, A1274299, AW054769, A19341500, BE545571, A1212723, A1857898, A1745475, A1404380, AA514755, A1690448, A1356049, A1271745, BE538552, AA399303, AW666003, AA612989, A1873681, A8782807, A4372935, AA653758, AA503533, AA633515, A1910865, AA5187938, W73234, A19241946, A1518668, A1674551, A19109900, N30688, A1208194, AA804790, A150315, BE907648, BF125038, A1236251, AA834818, A1703110, A1289450, BG256216, BP67743, A1215967, AA806069, A148170, AA772577, A1252965, A708219, R48780, A1086134, H45074, H45301, W31677, A4311372, H18284, AA654459, A17183355, A1521218, D8618764, F22269, R48885, BE743249, A4854391, AA040571, A919387, F37016, H11318, A19348987, A1572120, A1215973, BE074790, A1684072, A293184, C00180, H45378, A918341, BF856284, A1871791, BF337363, A142719, BF331401, BE769414, BF466856, H45041, A1206745, F25626, C03223, A1082610, A1518669, A1918148, AA143767, R73522, AA330825, BF856295, AA293185, AA810809, BE155766, BF570667, A1381772, A1582313, BE155779, AA458493, A1517211, AA551484, BE878498, AA904696, A1521219, A1529841, A1139866, A1633937, A4862050, A1526016, A4552564, U46271, D9150895, A329184, W73289, A1809413, BF239760, AA664948, BP68373, BE746013, BE876454, A1521487, BE260926, N27632, AA225507, BE727867, BE251987, A7878217, BF968614, BE185060, A19340499, A1082264, AC010527, AF222742, AF038959, AF038958, A1048276, AK001416, and A55663.
HOCQH66	234	990435	1 - 3554	15 - 3568	AF385298, AW834944, A1801294, A1048012, A10382520, A1048318, A1147487.

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HOODC67	235	990546	1 - 1875	15 - 1889	<p>AFI06862, AFI110196, AJ000937, A77033, A77035, AB047615, Z72491, AK026647, AL133557, AF177401, AK026927, AL359941, AL050024, AK026333, AL117457, AFI19899, AFI330059, A08913, AK025312, AFI330082, S78214, AX019230, AF090934, AL137478, I33392, AFI10640, AK025092, AI050149, AL110225, AL133568, AK000445, AFI16610, AK025958, AL162006, AB048975, AF090903, AL122093, U91329, AF090943, AK026626, AK027164, AL117460, AF090932, AF090901, AX019229, AF100951, I89931, AL137557, AB048953, E05822, E06743, AK025414, AL133113, AK013797, AF162083, AFI13677, AB048964, Y11254, AL133016, AL442082, AK026534, AFI19894, AK025359, AK026045, AFI43723, AB047904, AFI16646, AK027116, AFI07437, AK000083, AK026744, AFI30099, AL442072, D83032, AFI16691, AF069506, AK026784, AFI11849, AFI30087, AFI30075, U80742, AL050092, AK026600, E01614, E13364, AK026947, AFI16688, AL335957, AF090896, AR038854, AR087170, AK024588, AK026480, AFI19909, AL133075, AL137527, AL050393, AL389935, AL133560, AK024538, A65341, AK026528, AL389939, AK025339, AJ242859, AK025491, D16301, AL110221, AF242189, AK026434, AL096744, AX006092, A08912, AL050108, AFI30110, AL133606, AJ005690, AL080074, AF000301, AL050277, AF091084, AF218031, AFI13699, AL359596, AL110296, AF097963, AL137550, AK026630, AL133080, AF090886, AF260566, U35846, AFI75983, AL162004, AB051158, AL137488, S61953, AL110197, AK027204, A07647, AFI30077, AL117435, A03736, AL137480, A006417, AB048954, AL133067, AF218014, AL049382, AL117626, AK026959, AF210052, Z82022, AL359601, AL353940, AF146568, AFI13691, X63574, AFI16644, AK026593, AFI19865, AK026649, AL137429, AK027096, AL049938, AB047887, AB041801, AK000432, U58996, AK025084, AFI76651, AK026741, X84990, AFI07152, Y09972, I31396, AL133565, L31397, AF230496, AL080124, AL162002, AL117648, AL137523, AK024524, X72387, AFI18094, S36676, AL049430, AB050410, AL050172, AB044547, AB052200, AK000618, A1003118, AK026532, AB048994, AFI130055, AK026522, AF225424, AF070212, AK000323, R25381, R34259, H28436, H59690, H61492, H77699, N91800, A4028988, A4057879, A4418359, C01863, C17456, C18297, AA096264, AA598999, AA669967, AA670244, AA599449, AA853846, AA852638, AIZ70009, AIZ70348, AIZ73845, AIH45502, AIH31426, AIH40217, A1560603, A1567708, A1582564, A1589733, A1597769, A1619460, A1640716, A1676245, A1682755, A1689101, A1700156, A1701238, A1701309, A1865958, A1890914, A1802545, A1926075, A1950602, A1900599, A19026619, A19085893, A19072980, A1924156, A19241350, A192700715, A192772739, A19030329, and A19044111.</p>
HOODC67	235	990546	1 - 1875	15 - 1889	<p>AL522719, AL530045, AL526479, AL515639, AL526439, AL515638, AL529665, AL521252, AL527656, BE797221, BE795409, BE798654, BE796334, BG252121, BE277057, A1068756, BE390022, BE513242, AUI142632, AUI17922, BE577825, BE561443, AUI42552, AUI22446, BE263145, A19301066, BE260541, BE798136, BE560713, BF527824, BE267445, AL522718, AL527657, AUI24297, BF3308205, BE877379, BF308460, AUI137733, BE255304, BE265023,</p>

HCDB02	236	990609	1 - 4074	15 - 4088	<p>BF338557, BF311379, BF513266, AU143692, BF502356, BF266414, BF791652, AB871376, BG249877, BF252210, BF264799, BF408400, BF560193, BF261710, BF396893, BF270141, BF678664, BG178512, BF239109, AB180886, BF396681, BF259458, BG165211, BF374044, BF741256, BF207184, AA573807, AU140482, AB1838751, BF781372, BF203820, BF268015, BF787428, BF263802, AU525542, AB185121, BG110234, BF257792, BF544608, AA447235, BF905647, BF868675, BF780731, BF397152, AW129744, BF265464, AU129649, BF301587, BF178916, BF123439, BF560731, BF314279, BF742767, BF263992, AW438577, AU725787, BG269879, AB101359, AU565977, BF797493, BF251518, BF513287, BF018099, AB200805, BF261036, BF269017, AA442442, AU520286, AW732809, AU1472803, BF308737, AW732984, AB215102, BF2007766, AU531590, BG057267, AU150910, BF257550, AU148023, BF537602, BF597375, BF399159, BF266451, BF536801, AB953963, AU500189, AU159821, AA622716, BF243410, BF220053, BF262608, AU396071, AU522546, AW615606, AU1159905, BF310290, AU216618, AU144612, BF538791, BF343627, BG027742, AD269576, BF267985, BF915029, BF396672, BF560172, AW613609, BF872243, AU3308584, BF786769, BF342073, AU239549, BF204038, BF541731, BF541493, AW250471, BF544706, AD261521, AU136755, AA091652, AU364136, AU1522158, AA527403, AU949019, BF337390, AU154207, AW997142, AW246783, BF5490070, AU515546, AA772718, AW086875, AT750812, AU531576, W79142, BF169776, TU7967, BF383869, AA618047, BG122861, AW967352, BG106404, BF542621, BF983668, BF152442, AD732817, BF207907, AU991316, BF264179, BF787804, AW068676, BF965929, AU362607, BF703357, BF794760, BF109494, BF260326, AW250648, H17358, BF905945, AU829407, BF803055, AU626075, AB683663, AW967344, BF296537, BF765992, W74467, BF307300, AW204975, H17529, T64828, BF538072, AA037689, BF396430, BF257803, AU554637, AU099454, AA723940, AB958328, AU025484, BF257493, AU514445, AB933819, AU216653, BF504389, F03991, AU099453, AU263968, W84554, AA037688, BF7545223, AU928562, BF296004, AB72605, AW050510, AU931240, AW733072, AU075343, AU096553, AU578152, TU7966, AB186819, F12115, M77836, AF271800, AK001508, AU117348, L31411, RA0922, AU514410, AA4805032, D12335, F07737, AU07553, AU284144, AW051080, and AU194659.</p>
HCDB02	236	990609	1 - 4074	15 - 4088	<p>AU118049, BF207266, BF897159, BF975497, AB690844, BF619812, AU116976, AB683350, AU123898, AB638817, AU299947, AW851296, BF619491, AW080261, AW003342, BG261217, BF550518, BF435624, BF540593, AW604148, AW604144, AU133706, AU923370, AW604156, AW604159, AU963937, BF903781, AU099444, AU355903, BG251375, BF795838, BF42387, BF898687, BG031003, AW503445, AW769245, BF39639, BG250064, AW593387, BF387364, BF735143, AW590271, BF538744, BF885876, BF885477, BF179338, BF548753, AU117969, AW313655, AB827494, BF257886, AW539828, BF537306, AW264359, AU149292, AW604151, BF342916, BF591073, BF591070, AU1570870, AA81208, BF66616, AU148669, AB1392216, AW367000, AU188999, AB48064, AA948067.</p>

HODGN92 HPDRP30	237 238	900611 900751	1 - 492	15 - 506	AW604149, BF839031, AU154938, AU153971, AA836773, AU493577, AU153566, AU993157, BG250078, BF44791, AU151304, AA761758, AU995371, BF744844, AU152202, AW847704, AU153888, BF092653, AU673857, AU184771, AU179457, AW003152, AU90217, H19003, AA504941, AW590316, AA070388, AW672834, W53038, BF841602, AW847896, W92140, AW847702, AW501244, AU144708, BE502430, BE541205, N47220, AA135935, AU149971, BF593592, BF735818, AW367659, BG167391, AE823894, AA439957, AA057121, AW967460, AU156419, BF734912, AW367051, BE813981, AA613786, BE540668, AA490747, AW137930, BF735667, BE779777, BF331974, AA127605, BE539649, BE768593, BE539217, AA070501, AW020724, AW499499, AA687281, AV706637, BF115225, AW847823, AW847822, BF735590, AE687479, AA507071, AW847872, AW847691, R22838, BF734963, AE825181, BF088244, BE888984, AW401643, BE768486, AA514379, AW503098, BE181260, TG7874, BE768481, AA491234, AW385423, BF092091, AW500130, AE638673, TG8025, AW605375, AW385429, BF088242, AW739044, W92280, BE081836, BF811064, R49406, AE662234, AW604157, R31617, AW577480, T83725, AE907376, D29124, AU128318, AW500057, R51841, AA452989, BF667348, AA136233, AW801921, BF665767, BE539407, AW235429, AE907419, AA441844, BE772678, AW503012, BG261355, AA834905, BE543530, BE142870, AA234482, AA774790, AE907415, N47219, AA092197, AE907416, AE907420, BE081567, AW751564, N45569, BG178091, BF907447, AA057860, AE803505, AE907362, BF918061, AE569199, BE593197, AA507072, BE005238, AA504889, BE142834, AA082596, AB020636, AE157326, E12829, D87671, AK001791, AK000976, AL133560, Z60091, and Z60090.
			15 - 506	AE114709, and BF515175.	
HBXFN09 HDTBC075	239 240	900769 900913	1 - 234	15 - 248	BE736233, BE393462, BF979620, BG180451, BG031119, BE895899, AW015154, AE367236, BG250616, AW246033, BF389766, AA723883, AE339548, AU148428, AW518892, AE874244, AE139560, AW003788, AE653700, AA777268, AE61244, BE906120, AA847296, AU007179, BE293221, AW173770, AE346957, AE75948, AU143349, TG5504, AE14098, R52652, AE39729, H99618, BE545311, F13535, BF980260, AE652617, and AE122073.
			1 - 455	AA034059, BG169883, and AW998693.	

					AV728733, AV725826, AV725134, AV726136, AW954170, AV702427, AV708438, AW952007, AV768327, AV708834, AV659536, AV705384, AV728670, AW960201, AV960720, AW956894, AV709604, AV704955, AV698429, AV692972, AV685688, AV689800, AV693005, AV703168, AV701560, AV705693, AV706342, AV683443, AV701580, AW955748, AV706677, AV651519, AV702854, AV727003, AV729131, AV727326, AV692345, AV704553, AV706219, AV707541, AV701067, AV652156, AV659389, AW959980, AV659294, AV725745, AV727238, AV728471, AW956199, AW951707, AW952409, AV708091, AV693149, AV708717, AV649738, AV701759, AV707806, AV728436, AW960326, AV727819, AW953953, AW958647, AB046013, AL133215, AF123659, AF123657, AF123658, AF123655, AW958647, AB046013, AR050070, AF217994, Y080991, 189947, AA305637, and AB87473.
HODCU15	242	991048	1 - 3173	15 - 3187	BE728229, BE166336, BE093914, BE963846, AL637581, AL635627, BE956699, AV7615337, BE82490, AW081066, AA398002, BE246643, BE959923, BE943255, BF532768, AV714386, AA399078, and AC046129.
HOGDI51	243	991268	1 - 962	15 - 976	BE745148, BF314775, BF313468, AW972065, AW160403, AA190647, AH68027, AA732363, AL568476, AL815528, AW015158, BE315222, AW958765, AA725374, BE446080, AA668784, BF313148, AA058590, BE741366, BE261839, AA021327, BE72735, AA627547, H06373, H85956, BE843878, BF058863, AA973647, AA018467, AL240617, AA635496, AW439263, AL925892, AW162022, BE094410, AL739208, BE094382, AL336026, AL044942, and AF007872.
HLWA02	244	991516	1 - 569	15 - 583	AA421538, AL525449, AU153711, AW964455, AW964457, AU148695, AU149818, AU147714, W72446, AL004165, AU159170, AU151493, W31068, AW874565, AA295338, AW269624, AA577265, BF764205, AW732171, AV702593, AL863050, AW003851, AL190446, BF843436, AA417216, AA483528, W74385, AW748748, AA318970, BE795181, AA872030, W76345, H26877, AV384040, AV517019, AV884747, AL696997, AL570275, BF892944, AL017646, AV690726, AL056104, H99624, AV689538, AV698770, AV691815, AL421770, BF591512, R94006, BE782006, AV689599, BE169392, AV689985, AV689953, AF004539, Z41369, F09802, AK023231, AK001371, AK026645, AB040885, and AK023160.
HRKPA16	245	991654	1 - 625	15 - 639	BG259737, AW194396, AA143418, AA404619, AL608754, AU154417, AL374988, NG63618, AU149063, AU152646, AW966669, AU152215, AU038547, AA443610, AL690832, AA427421, AW339887, W60354, W59988, AW118447, AA340493, AL445343, AA461548, AW993204, AL121201, AA946641, H59011, AL04721, R08999, AV103224, AU157188, AL57842, AL927255, AA843253, BE467545, T04058, AA887139, AA354545, AL815399, AW072161, H21841, AA805567, H88125, H69591, AL799415, BE912456, AL621314, AW393607, AU148527, AU157952, AA665881, AW468541, BF947706, BF084343, T24715, AW406139, H88124, BE174405, AA60305, AW021674, BE914416, AL754527, AA493464, AL572680, AA610644, AW051097, BF747303, BE328286, AL177130, AV651424, AA493245.

<p> A4633804, BP947959, AA100107, AA676462, BF084979, AA846944, BF679568, AA579417, A4875184, BG059139, BF932382, AA730530, AW962268, AV683406, AI308529, H37668, AA425283, A4874028, AA834891, AA975434, AW501278, A1567676, AW795601, T57562, BF541501, BE974200, AA493808, AA657808, AI344906, A1318548, BF736912, A1570067, A1179364, BE247722, BE063646, AA663579, A1376687, AA497496, BG152612, AW963625, BE158554, AA584360, A1702049, AV717475, AA847341, F04635, A464601, AA482682, AA578711, AV753446, AW238242, A1831312, BG059924, A4935827, AV652066, A445699, A1312267, A1242236, A1174703, AW963532, A49298, AW576221, AV72493, AW963295, BF823660, A1354377, AA639040, BE139230, A1321000, A1231460, AV740548, AA524604, A4610784, A459794, AA313025, A192002, AA320106, R92703, A1744199, AW069110, AA587835, AA502130, R92804, A1798573, AA493546, A1538404, AV712092, A669225, AV763460, A1095538, A1631299, AA632355, A1146789, BG180320, A547110, AW275585, A121039, F01616, C15966, AV339694, D38524, Z46810, L47222, AC004019, AC007666, AC000052, A132859, AC006166, Z96182, AC005730, AB023051, AC004650, AC010463, A1035460, AP000512, L47229, AC003090, U66062, AC003999, A1271735, AB020873, AC002351, AC009516, AC006315, AC005393, AP001712, AC002996, AC004975, AC007746, AC005399, AC005005, AC004313, A1251973, AC005325, AC016683, A1318756, U91326, L47227, Z73979, AC004031, AC003014, AB035195, AC005666, A1049646, AF205588, D34619, AF207550, AC011296, AP000691, AC005000, A1356299, AC008720, AC005755, A1022723, U50871, Z97183, Z99721, AC011482, A121967, L47225, AC007272, AC008321, A139286, AC003388, A1357760, AC011444, AK000385, AC004953, Z69366, A1031427, AP000692, A163301, A133836, AC018751, AC004825, A1109798, AC008812, A1353807, A1079341, AC005911, A1122015, AC004686, L81692, A1246003, AC007632, AC008738, A139182, A133163, U15422, AB046832, A1035690, AC002544, AC003665, A132866, AC002357, AC002465, AC011811, A136441, AP000280, AC004821, A1356747, AP001725, AC011480, AC010605, AP000694, L47224, A1096814, A1117374, Z81450, AC005071, AC004652, AP000107, AP000039, Z69375, AC005899, AC005202, AP001741, A133342, AC0032485, A1035387, Z95116, A1365505, AC005856, AC005052, AC005280, A139343, A1022336, AC011462, A1050349, AC005837, AK024314, A121886, A138743, AC024082, A1031311, A1916779, A1031296, A1357789, A1022726, A1050328, AC009362, AP000553, AC004254, A109758, A1338823, AC007510, AB039887, AC010524, AP000361, AC005228, AC008634, AC004893, AC005253, A1360157, AC006468, AC006942, AC006162, A1031666, AC005529, A1033529, Z97985, Z95023, AC006261, A1008716, AC005375, AC008308, AC004882, AC009228, AC005618, U78027, A1031657, AP001715, A1357992, AF045555, AC005519, AC018719, A133832, AC008403, A1338733, AC006079, A1009181, A111169, AC008739, AP001629, AC003046, A1035422, AC005410, AC018633, AC004386, AC020552, U07563, A1008734, A1006840, </p>			
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HEAAAY09	247	992678	1 - 391	15 - 405	

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HPDRH78	248	992780	1 - 1583	15 - 1597	AL517707, AL526969, AL534602, AL517706, BE793392, BE793390, BF798802, BE274603, BE793463, BG179834, BE796319, BF730416, BE799085, BE622275, BE797197, BE895295, BF684516, BG180391, AA313808, BF128627, BE902688, BF974046, BF309165, BF035424, BE542126, BE378892, BE279546, BE389149, BE264217, BE746282, BF980789, BF792649, AA143543, BE390945, BF939857, AA247475, BE254943, BF087367, AV0202074, AA143677, AA669128, AL619455, A1885489, AW674128, T66216, AV653122, AW771167, AV673387, AW952242, W17242, AA465232, AA662828, AW156961, AH23378, C14781, AA847816, AI082555, AA064998, AI699756, AL654002, AI400301, AA976430, AA847635, BF129286, AI357386, AI371760, AA838647, AA465587, AA046948, AW085621, BE149761, AI252222, AI572527, AX007174, BF838322, AW247996, AA065085, AA366802, AI927121, AA3366778, AW066612, AX001409, AL534601, BE859074, F12200, BF973830, AV904428, N89759, AA383297, R22509, AA458555, D81188, D81094, C14780, F01851, D81095, AW472987, BF843018, AL037280, AW818769, AI801700, BE503553, H85986, AI251103, AW273610, F09830, AA321564, Z42323, D20815, BE747217, AA027150, BF746814, R12421, H71469, AA988870, AA835430, AI264946, T66149, AW839241, H86346, AA579666, BE538136, AV660656, AX011690, AF282851, AK000474, AP001714, AP000037, AP00105, AP00275, and AL355729.
HLNHG68	249	992900	1 - 1331	15 - 1345	BP67276, BF967822, BE675848, AI693547, AA398062, AV044341, AW117949, AV468685, AI801370, AA890730, AA778640, AW001899, AA456064, AI434131, BF508778, BE833021, AU145029, AI033982, AI826270, BG026214, AA455507, AA652457, BF108431, AI481556, AA918511, AA515452, AA631567, AA687760, AA573416, BE045477, F22701, BE546175, AA292780, AA477424, AI699125, AW770290, AA310438, AW884291, AA640186, AA290862, BE774653, AI686681, AA479583, BE881951, AA394172, AI394051, BF361999, AA291044, AA150391, BF855032, AI816954, BF737256, AA291855, BF869437, AV2102303, BG259202, AL044192, AA768725, AI366983, AI701948, BF915315, AI926593, AV102900, AI345746, AI537316, AW079768, AI632981, AI608802, AI597805, AI636788, AA830821, AI050666, BF816031, AI923279, BF817746, AI951222, BF921215, BF913569, BF914101, BE393551, BE315058, AW083804, BF913568, AW129269, AW265004, AI669154, AI702540, N74355, BF305318, BE613727, BE965355, BF913615, AW301406, AI718161, AI923272,

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HODFO57	250	992973	1 - 2135	15 - 2149

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HPAMU38	252	993403	1 - 2925	15 - 2939	AL524221, BF971727, BE905660, BF906439, BF972299, BF339849, BF971432, BE871633, BG258581, BG027617, BG027987, A1304342, BE262313, BE547005, A13064993, BF129017, BE894197, BE859070, BG106537, BF304618, A1312224, BE882690, BF109975, BF541992, A1307572, BE735522, BF950143, A13408171, BG058798, N32170, A13841404, BF343941, A13859140, A13630418, A1324267, A13888719, A13043543, A1571362, BF972284, BF111665,

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HODGNS1	254	993754	1 - 648	15 - 662

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					BG150704.
HODCT60	255	993806	1 - 673	15 - 687	T68150, AA664288, AA113062, AL045561, H63748, BE350958, BF821840, AA190633,
HAQBVB81	256	993918	1 - 813	15 - 827	BG120327, BF994701, AW582857, and AW582794.
HDTGH49	257	993931	1 - 1643	15 - 1657	BF516217, AV732160, R33419, BG255616, BE171964, F27801, BG253577, AW474317, BE162826, AW755592, and AK002081.
HOBGN62	258	994134	1 - 642	15 - 656	W68274, A1073484, BE543503, AL524870, AL528375, AL524871, AL529901, AL528409, AA528652, T58395, T58350, AP242994, AL048969, AA713712, BE154526, BE154518, BG111530, AA569631, AA484658, AV275432, AL269832, H90845, AW263396, A1523991, F13773, W03981, AA129133, BE154459, AA564626, AW855982, BE158756, BE158799, AA988320, A1768952, AA348511, AA569586, AW885762, AA242438, AA489571, BF876739, BF877700, AA283455, BF877694, AA934825, AW974136, BF978936, BG058509, AA1240951, AW833189, BF977345, BE154446, AA069473, AW238386, AL611736, BE154584, BE154524, AA368073, AA599710, AA368633, A1369977, AA708889, AL134280, AA557764, AA372884, BE179742, AW438765, BF992129, BE739174, AA664942, BF810146, F00818, AW817905, BF244176, AA714276, BG006133, A1819525, AA720531, AA908331, A1378950, AA601237, AA910680, AW387775, BE179910, AW387778, AW572140, BF978162, AL500563, AA41171, BF691653, AW769839, A154388, BF833448, AA653135, AW510403, AW473996, BE961047, AW409710, AV739833, A1690379, AV695910, AW410454, BF212465, BE870750, BF571687, BF978010, BF691393, F01694, BE777501, BF977222, BF978508, BF691774, BF211406, BF238352, BF979045, BF690603, BE961172, BF692655, BF572980, BF184128, BF571406, BF184981, BF692099, BE775568, BF692045, AA581352, AW820694, BG110818, AA993041, AA584133, AA594072, AA599115, AA599143, T50205, F00112, T84169, BE888068, AA828062, BE147527, AA669985, AA297199, BF762987, AW087537, BF213033, W02403, A1870453, A1919048, H70469, AA719201, A1831171, AA332161, AA101744, AA744084, BF676352, AA521299, T87481, F29968, BE002881, A1230815, BF803608, BE154517, AA745459, BF921846, AA744068, AA745533, R51854, AV694805, AW722389, AA745393, AA477103, A16399040, BF957365, BF915592, N58546, D29424, A1869406, AA985240, AW004922, BF831769, AL048090, AW192199, AA571499, T50255, BE886807, BE302658, AW459867, AA584814, BF917819, A1984742, BF879039, AA568127, H60396, A1635245, AL039669, AA525753, AA569474, AW387786, AC022392, A1359359, AK023436, AX048077, A132952, AC005150, AC002449, AC011290, AL031985, AL008628, Z70289, A161938, AC012099, AC006028, AC006578, AC005520, A1916969, AC007487, AL031575, AL109843, A1030996, AC004914, AC005697, AC010382, A115998, AL035405, U95739, AC004980, AC005831, AC000120, AC078899, AP001409, AP008243, AP001417, AP000160, AP000018, AC005899, AP001635, AL033543, AC009312,

HSKGR42	259	994234	1 - 536	15 - 550	<p>AC004031, U78027, U80460, AL035422, AL353804, AL133448, AC004084, AC006345, AL050318, AL121981, AL121753, AL359954, AL022333, AP000317, AP000119, AP000051, AP000166, AL355515, AL354872, AL008720, AL022401, AP001719, AL354680, AL162742, AL109743, AP000337, AL023694, AC020916, N89651, Z84486, AL031774, AC007560, AL035689, AL034380, AL121749, AL158198, AC006040, AC005701, AE000661, AC007421, AC008115, AL049851, AC005620, Z82178, AL031293, AL121969, AC008897, Z82214, AC005968, AC009247, AC083864, AL136131, AC005618, AL079532, AL363475, AC002365, AC003968, AC009247, AC083864, AL136131, AC005618, AL079532, AL363475, AC002365, AF064861, A58531, U00921, AL356414, Y14768, AL136228, AC004596, AP000505, AC002090, AF129756, AL445590, AP001055, AL441887, AP000252, AL008725, AP000030, AP000212, AP000134, AC001752, AC006509, AL118510, AL033521, AC007993, AL133229, AC009194, AC008733, AP001711, AL035652, AP000348, AC008599, AC010363, AC004593, AC024561, Z99716, AC002991, AL035682, AC006009, AC022428, AC007129, AC004991, AC003007, AC000025, AC004033, AC005913, AC005527, AL008627, AC008753, AL049712, AL031847, AL359846, AC007731, AC005500, AC005632, AL355497, AC005529, AL137475, Z98882, AC011523, AP000279, AC005156, AC004775, AC010605, AP000289, AP000038, AP000106, AP000042, AP000110, AL136166, AC003012, AL121829, AC006502, AL038594, AC020908, AL109738, AC007383, AL133246, AF243527, AC007344, AL163279, AL137230, AC000115, AC004693, Z82246, AC010129, AC004211, AP000496, AL031729, AL135786, AC018712, U85195, AC002369, AL050325, U75285, AL035046, AL049822, AL357560, AC006503, Z49237, AC011521, Z82248, AC000091, AC005523, U81031, AC000028, AP000228, AC004950, AC005841, AP000140, AC005528, AL096763, AC022143, AC002074, AC008162, AC010305, Z97632, AL133517, AC008623, Z97054, AC010627, AC004056, AC010491, AC078833, AL021398, AL109925, AC003682, AC004112, AL035070, AC010620, AC008747, AP000088, AC005531, AL135924, AC009225, AP000555, AC019172, AC005084, AF111169, AC023481, AL049776, AC009086, AC007450, AC006449, AP001694, AL136081, AL390039, AF208488, AF111167, AE000658, AL359433, AL035494, AL121833, and AL117381.</p> <p>BF665644, BE617899, AW975289, AW370221, BF700281, AL134495, BF334587, AW673900, AA648105, AA186588, AV758959, AI858160, BF088091, BF694157, AA659697, BF131572, AA134338, AI914719, BG117553, N71529, AU155727, AA120820, AW363311, N22162, BE617450, BF155707, BE168417, BE879249, AU128878, AV996843, BG261212, AW576295, AW268074, AI343171, AI311237, AI354537, AI344929, AW274348, AI336661, BF239659, BF082539, BF438758, AI741448, BF108773, W73136, BE005344, BF829286, W73116, AI251367, AK000741, AL0001701, AK001452, AC002348, and AF086334.</p> <p>BF980115, AL056683, AW071598, AA393981, BF050760, BF598825, AA053954, BF408405, AA397906, AI336420, AI022052, BE253405, AA007404, AI090549, AI147131, AI298335, N69649, AW627842, AA723269, AI671126, AL043975, W58502, AI051785, AI670024,</p>
HOEBQ85	260	994356	1 - 1053	15 - 1067	

HOP/G01	261	994536	1 - 1376	15 - 1390
				AA639760, AL043976, BE410449, BE20726, BE728986, AW628468, AA707486, BE414443, AA034435, BE414442, AW386728, AL040334, BE304515, BE302700, BE304702, BE408918, BG165005, AA478114, AK024475, AU117435, and NT1204. BE793580, BF966696, AL527978, AU142696, BG112976, BF038095, BE339980, BF346274, BE525737, BF343070, BE796871, AL660492, BE795029, BE740676, BF338457, BF342629, AU157045, AU142854, BE779472, BF791809, BF348176, BF340334, BG108431, AU153150, BE963752, BF337746, BE799928, BE799828, BE251212, BE795188, AU142971, AU1233853, AA608630, BE799766, BF984658, BE713148, BG178895, AU142368, AU425683, BE719329, BF435460, BG026841, BF680862, AW163707, AU929171, BE293477, BE799635, BE871928, BE207262, AW276503, BE382663, BG056162, BF205980, AU858505, BF311248, AW250342, BG053551, AU119034, AU573104, AU132674, AW247120, BG056369, BE207051, AU566557, AA126454, BE293760, BF340125, BF343144, AU143052, BF341561, AA194148, BF206123, BE206913, BF317056, BE907374, BE249879, AA362085, BE907893, BF310434, AU887640, AU615498, AW245039, BE260787, BE618820, AU880285, BE791120, AU859252, BF556752, AU123414, BE464593, AA778344, BF316388, BE253881, AU157606, BG059864, AU148820, BF434994, BE360942, BE788830, AU097502, BE798646, AA770622, BF337854, AW087978, AU921292, BE348883, BE546108, AW732146, AU653881, BG059738, AU023190, BE792345, AA194087, AU595719, AU025155, AU159706, AU085502, AU911630, AA744512, BE973865, AU145465, BE206914, AW163012, AA352532, AU129356, AU929749, AA541593, AU145465, AU343430, AU069319, AU359872, AA968682, AA328861, AU160054, BE312609, AA621196, AW328427, AW384946, AA565664, AU660077, AU929377, AU709913, AA100233, AU6163104, AU083875, AU344608, AA682988, AW072500, AU241695, AU366155, AA931506, BF344959, AU40434, AU927283, BF568570, AW248160, BF344603, AU011195, AU459660, AA689477, AU42248, BE858289, AA132540, BF966506, BF958070, AU298268, BE253399, AA635801, AU751546, AA955595, BE390802, AU089995, BF723281, AU282676, AW604964, AU19470, AA383085, AA392293, BF315079, AA729139, AA069373, AU940441, D54574, AW384914, BE671540, AA340245, AW848886, AU003397, D54696, AA156911, AU132413, AA427771, AU167483, BF822526, AU344066, AA130945, AU758341, AU348853, AU701237, BG056893, D55009, AW578066, W07297, AW604991, BE617959, AU869294, AA854599, W27359, BF057992, BF718433, BF718300, AU184838, AA841425, AA088245, AA984724, W32696, AA856797, AU397722, AU858542, BF951374, AA811595, AU266757, BF945422, W32697, AU975437, AA508200, AA156608, AA135907, AU051113, AA017372, AW604994, AA641172, BF945044, BF945143, AA903069, H49325, AU345697, BE252817, AU056127, AW374474, L47647, MI6364, M13453, AU0804972, M11306, M13453, M14400, M57664, M74147, M74148, X15334, M18668, M74149, K02831, M11660, AFI20106, M10012, X00954, AFI274307, X53859, AC005781, AC007225, M60806, X96403, M21243, X96402, M21242,

HRBAK06	262	994596	1 - 655	15 - 669	<p>M21237, M22355, AF018084, M21240, M21238, M21239, M21241, M21491, M22356, AF207866, R14011, R41340, R51208, H14148, H16207, H16512, H16655, H18442, H18550, H20533, H46928, R82967, R99124, H49324, H83312, H83484, H83478, W31774, H96118, H40532, N47865, N51127, N74303, N78614, W04673, W05212, W21084, W31774, W96361, A4015650, A4015651, A4015936, A4017373, A4100232, A4100627, A4100928, A4133581, A4133703, A4130769, A4132663, A4132970, A4151777, A4149785, A4156941, A4235637, A4470436, A4507320, A4524876, A4533870, A4548911, A4552182, A4555270, A4586384, A4614776, A4580039, A4665143, A4689534, A4894557, A4962474, A4983703, A4989414, W22984, W27471, C03620, A42035651, A4670322, F21962, F22810, A4679110, A4704375, A4708228, A4719642, A47571448, A4846887, A4846886, A4860613, A4003317, A4003680, F04008, F07760, A4702641, A100946, A1345327, A1349187, A1345761, A1199481, A1130751, A1148054, A1190828, A1201601, A1313484, A1682167, A1796604, A1914787, A1984390, A1918653, and A1939775.</p> <p>A4292552, BE569091, AA001348, BG034403, BF680183, BF982202, BF972408, AU134714, BG255510, BF038517, BE382500, BG117853, BE267636, AU133407, AA082436, BF780204, BE535736, W44552, AU122890, BF204311, BF972973, AA081745, BF026531, AU127144, BG029609, BE904738, AU122938, BF242872, BF709946, AW960304, BE297387, BE883368, BE261919, BF033958, BE867037, BF212585, AA158070, BE569085, A4292753, A4476873, BE884804, BE269819, BE900753, BE314366, BE786840, BF035084, BF726787, AA926959, AA177048, A1719075, BE279271, BE778624, A4469909, N49786, BE706261, BE972278, A17685130, A1713469, A1714168, A1687846, BF246905, AU126674, W76521, R97470, A4037172, BG104737, AA908783, A1714475, A1935150, AA926960, W76521, BG249990, BE892033, W04339, AA405677, BE255916, BG104736, A1857576, BG179540, A1698981, R98127, AA293140, A1692796, AW662396, A4910644, A1514667, A4584410, AA889955, AA459522, A1716974, A1731701, AA583187, H78746, A1371667, A1828996, BE903886, A1865147, T55938, R75953, BF910357, W21526, W72395, A1422691, H03265, I77589, H83186, AW069734, AW613002, BE566245, W25243, BG033485, AA872039, AA527373, BF746365, A1423153, A4776920, H72525, R99156, A1704725, H03513, A17024595, A4100926, N31428, AW262230, AA621337, A1972459, A1204630, T88980, BF900364, T29812, H98460, A4772418, BF909377, BF205360, A154749, A1886710, BF900351, A4662522, A4282997, H42079, W80565, BF507531, W95096, W24270, A1630359, A459432, A1033892, W25071, A1423513, R54703, A1090262, A1831360, A1312104, A1804532, A4627684, N95210, A40769633, A4617681, W25611, A4416871, A1094597, A17391855, A1139549, A4633648, A1075239, A1339996, A1991988, A4740817, A4701623, N78125, A4129784, A4399239, N86396, A1362835, A1034317, A1336880, H99551, N83673, A4480310, A1989380, A149836, A4643280, AA932124, A1117372, BF793467, R92897,</p>
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HKGCN61	263	994664	1 - 1002	15 - 1016	<p> AB11822, AI085351, BF795654, BF514270, AV748036, AA978045, AI078708, AI146955, AI348243, AA876046, AI085031, AA507454, BE270172, AI494230, AA962596, W44561, AI92600, AI278887, AI041437, AI015591, 199630, W80435, AA765850, W95095, BE897393, BF752229, AI0157451, N24127, AI361128, AA910586, AA235549, AI537692, AI446618, H47725, AV589407, BE108854, AW300758, AA459292, AA001979, NS9755, AA398727, AI129015, BF792285, AA954344, H75312, X54941, AC005913, AB025409, and AC008473. </p> <p> AI526805, AI532675, BF568818, BF975676, BE378603, BE275224, AI924198, AA643194, AI096624, BF568408, BE908971, BF568499, BE385963, BF971390, BE262270, AI954015, BE389035, BF317394, AI862773, BE384108, BF316998, AW954240, BG255355, BE387330, BF215641, AI300492, AV705042, AI571484, AI708237, BE267988, AA772150, AI526773, AI963066, BE265217, AV583307, BE267984, BF207808, BE885566, AW082898, AI543351, AA950048, BG058692, BE835066, BF419359, BG031824, AW873616, AA484736, AI243757, AI924677, AW304210, AA056581, AW328032, BE386932, AI887613, NS2247, AW015277, BF726042, AA037075, AI092433, AW583724, AW070340, AA446995, AI096768, AI035882, AI143962, AW021398, N39299, BF216019, AA682891, AA897545, AI241411, AA468723, AI027327, AA503806, BF569049, AA834926, AA902862, AW328127, AI091496, BE376690, AI576786, BF337861, R91343, AA448467, AA609074, AI558828, AA651870, AA143139, AA052970, AA911153, AV241215, AV290993, AI804639, AA001193, AW020020, AI024137, AW572581, AI866825, AW016319, BE907946, AW021471, AA803572, AW015233, H82552, AI400288, AA917723, AA938524, AV750655, AI037929, BE088452, AI673478, AA533610, AI290857, AW769953, W67130, R97256, AA904951, AW340305, HZ2433, AA053447, AI310161, F24749, BE185312, F19447, BE242972, AV746492, F28239, AA365755, H87901, H56065, F31714, AA969644, AI287714, N34577, AV660944, AW328033, R55213, AW028384, AA506078, AI050822, AA843353, AW572594, AA296650, AW884694, AI041792, W67129, AI575504, AA056685, BE677849, T84900, AI915408, AI678129, R55210, AI311793, R97020, AW151468, AI005405, AI393159, T91318, AI798212, AA770283, N91398, T55560, AA143379, BE170083, AA809332, BG010512, AA934707, N45147, AI282846, AA968881, H40291, H18341, BG029437, H38979, AW805564, BE936154, N69370, BF155976, N53131, AI918485, BF155969, BF155973, H87357, BF155972, T25428, BE938805, BF831914, AA538800, AI005569, AA885911, BE242874, BF088463, H56260, AI90126287, AA889514, BE702510, BF957306, H22470, AA453054, H46707, BE185337, H39174, D20650, AK000574, AX015413, U47101, AV009128, AK022758, AV009127, AC008119, and AC007793. </p>
HTXDY55	264	994699	1 - 276	15 - 290	<p> AB241618, BF967213, AU136610, BP980823, BG167993, BE904497, BG166879, AA316320, BG108260, BF032916, BE219939, AA429187, AA446365, BE327680, AA121059, AI681677, AW651689, BG028658, AI523554, AI929475, BF210951, AI984608, AW367123, AA262627, </p>

HFOY137	265	994776	1 - 739	15 - 753	BF966433, AF035606, AK001917, and US8873. BG109766, BG105926, BF692516, BF664251, BF688436, BE875390, BG109747, BG035909, BF970556, A W205076, BE900583, BG006679, BF878884, BF794165, BF676452, BE736120, BG031147, BF729357, BE877578, BF795468, BF688232, BE746139, BF245353, BF338554, BF244479, BG036485, BF982066, BF313910, BF036466, BG109842, BF791758, BG034661, BG117069, BF792753, BG114839, BG035722, BE866095, BG171042, BE257620, BF707047, BF735602, BE299813, BF342847, AV701221, BF663327, BE900645, BG251353, BF727139, AV743879, BE874785, BF883850, BG112494, BF793074, BF956863, BF663279, BG036333, A1751041, BE727591, BE889746, BG031486, AV734449, BE544132, BE254377, BG029536, BE270481, BF965283, AL535797, BG107168, BG258064, BE267387, BE872741, BF738044, AV752441, BE270455, BF797372, BF036710, BG113386, BF964816, BE786378, BE879576, BE904807, BG025904, AW014150, BF965061, BE728776, BE883341, BE260961, BF126057, BE907972, BF178407, BE905940, BE905659, BE729138, BF178612, BG122417, BG256185, BE728227, BE312835, BF240138, BF242457, AA642852, BE880883, BF718532, BE538681, AA307553, BE538643, BG029238, BF681352, AV743427, BF787767, AV327840, BE212711, BF214381, BE906403, BG120301, BF038389, BF032831, BF689246, AA308582, BE884573, BE568338, BG112395, BE718776, AA316953, BE737786, AA535287, BF102789, BE881558, AA316284, AA308670, BE874983, AA316553, BF718683, BF029119, D56272, BE737963, BG115963, AV739694, D51124, BE565428, BE738399, AV738913, AV712380, BF718622, BE784801, BE877028, BE865693, BG169727, F20819, BE298062, BF211274, BF034437, T27636, F24452, BE739645, BE738206, A W068298, BE261442, BE738273, BG034537, F37402, BF571319, BE395762, BF310625, BF697600, BE313174, BF244308, BF303726, F25324, F20636, A W957333, BE563923, BF303651, AA146868, BG110622, AA315892, N77939, BF571305, BF718598, F331134, BF125885, BE960878, AV738228, A W408000, BF210245, BF029247, A W327881, BF700470, F20282, BE238356, BF245722, F30691, AV710336, F30820, AV738564, BE906206, F27818, AA306499, BF215958, AL036559, A W040866, BE790264, BE277269, AA143290, AV724929, BF212390, AA157054, BF796856, BE277011, BE514876, BE389163, W03384, BF215956, AA385201, F24576, F28257, AA501970, A W022377, AV708457, AA533618, BE718795, F32109, BF055644, BF246053, F32578, BF238936, F30162, AA179118, A W021281, F31767, BF185361, BF791484, BE258863, A W020382, F26077, BF09282, BF669141, F31195, F26670, BE73016, A1525222, F31722, F22445, F27271, BF739184, H02747, A W518445, A W528274, F27863, A W024028, D14530, AC010598, AC005406, X77398, AB007158, AX046357, AK066494, AK060234, AR069079, AR043113, and AA541570.
	266	994874	1 - 393	15 - 407	
HOFN18	266	994874	1 - 393	15 - 407	BF982594, AA3004945, BE786293, AA535289, BE882518, BG164113, BG036187, A W945552, AL522242, AL521727, BF345678, AL533751, BE018492, AA312114, BF210611, BE86709, AA495817, BF002097, W72340, BF968410, AA477457, N79824, A1669118, A1245484,

					AI372958, AW079905, N21556, AI093765, AW450650, AA099228, RS6490, H15484, AW451773, BE466523, BF448069, AW236015, AW466866, BF591093, BF742982, AI080166, and AI031432.
HOFTN57	267	994954	1 - 1163	15 - 1177	AI130186, AI532858, AU143566, BG032538, BE731387, BG178926, BF746251, BE546764, AI130008, BE882058, BE900653, BE901813, BF131040, AW238927, BE278958, BE280397, AI146802, BG238310, BE280706, AAO37291, BF130537, AW408060, BF071218, A.A281910, BE958235, AW958055, BE958177, BE281555, AA304757, BF698291, BF082842, BF67061, AI378241, AA034345, BF155007, BE855677, BF196802, A.A380691, AW963766, A.A878646, AI702569, AW026139, AW372761, AA635825, BE855640, AW372751, BF733132, AI478284, AI016431, AA843477, AA887947, AI378170, AA744678, AI361091, AI081395, AW516559, AI003236, AI146803, AA767727, N34655, AI399815, AA380690, AW856740, AI080717, AA962414, AA661648, AI083339, BF476713, AW088309, AW504176, BF719113, AA961155, AW189866, and Y11651.
HCBMT45	268	994993	1 - 1656	15 - 1670	AI524032, AI520718, BF343440, BG114926, BF163566, AW749600, AI628088, BE903299, BF348876, BE902526, BF363229, AI121257, W47499, BF348874, BE070481, AW875044, AA326810, W04800, AW83268, BE671868, BF357960, BE547306, BF888235, BG114819, AW937280, AA434529, BE070427, AA004472, U92010, and AK022138.
HATDZ56	269	995200	1 - 1879	15 - 1893	AUI17737, AUI19363, BP981791, AI126717, AI052256, AUI21212, BG163514, BE902237, BE356040, BG259893, AUI42181, BF342007, BG164121, BG111390, BE898067, BG028752, AW189938, AUI135622, BG118715, BF795161, BG169327, BG121236, BG028368, AW070663, AI885180, BE880899, BE881172, AA745594, BF360702, BG107907, BF740223, Z99376, BE539928, BE892210, BF220065, AI014817, BG249687, BE880172, AW239211, AI784576, AW073683, AA524748, BF528854, BF665628, AW327439, BE779442, BF792343, AW276639, BG122906, AW872951, N36799, AI608763, BE783594, BG231999, A.A627848, BE546358, AW247076, BE328479, AI127547, BE614484, BG179876, AW960374, BF343168, BE093813, BE958181, AI166916, AW327258, AA568685, BF464835, Z99375, AW700740, AA740916, AUI150439, BG033007, AA373156, AW631056, BG177074, A.A099018, AI051506, AA074799, AA812422, BE613976, AA835672, AW627745, AW976548, AI185757, AA503846, AA761648, AA592898, BG114482, AI160273, AW029151, BE546491, AW517165, AA451628, AW520428, BE958175, AI138225, AA809470, W63552, AA828239, AW327612, AI371140, AI371046, A.U004126, A.O089539, BE539342, AUI45724, A.A127406, AI57332, AI190076, A.A687268, BF381173, AUI15174, BE206259, AI073676, AUI28126, AI167073, AI278484, A.A75340, AI023735, BE535848, AA524391, A.A978034, W88636, AA768416, AI635344, AI025865, AA992622, AW403551, AA393865, AUI21424, A.A034400, AW362155, AA962673, AA856908, AI173982, W73908, AA314538, AI031946, A.A593126, A.A031733, AI167830, BE936495, AA100657, AI922493, AA888675, H83589, AUI212036, RS4097, BE697208, AW819111, AI380802, BE043974, AI752947, AI761093, AUI033288,

HOCQ144	270	955229	1 - 715	15 - 729	<p>AA506081, BE697241, AA515785, AI491801, AB953284, AA649193, AA085335, AU156182, AA127405, AA076411, AA075012, W76601, AA305905, AA450223, AI039462, BF676192, AA112634, AA889213, W74770, AA074990, AA082732, AA725074, AA565437, AA009468, BE539594, AW079297, AA099096, AA027240, BF436509, AI064753, AV341032, BE799859, BE697250, W24030, AA076267, H00652, AA173626, AI380804, AA160763, W88554, AW105351, BF819169, AA076266, AW021312, W52167, BE697248, AA693887, BF585879, BE843057, AA403080, AA031732, AI249663, R89292, R51453, H02543, NS2907, BE710775, BE183483, AA127505, BE709804, AA514558, AA164762, AA113337, AI282742, AA11811, AI459951, AW327440, BE133539, BF743248, F06634, BE081646, AA933718, AI197787, BE707578, W85987, BE924900, AA160272, BF798811, AA314338, AW393147, BF798816, AW662031, C00036, AA639385, P25558, BF679367, AI696072, H02544, H71452, AA361575, AA115764, AT201134, R54151, M29536, X73836, AL031668, AC007405, AI294707, AC010738, AL161670, AC007934, AF076927, T47873, T73141, T74664, R07722, R07723, R09847, R10017, R11641, T83787, R15278, R16766, H47662, H475972, R89293, R93621, R99520, H94038, N45959, NS5602, W73014, AA009700, AA027239, AA053334, AA058648, AA076505, AA179728, AA191273, AA588847, AA628031, AA738400, AA864670, AA876048, AA903779, AA910612, AA974650, AI083791, AA127491, AA782268, AA969406, T11052, F05216, AI280120, AI201954, AH76203, AI476203, AI126113, AI300209, AI686294, AI686637, AI688217, AW166745, and AW197934.</p> <p>AI831252, AI650374, BF061759, BF057060, BE797203, AB951139, BF061760, AV005769, AI417343, BF311313, AA534943, BE891954, BF685276, AI246563, BE618097, BG032880, BE397206, AI554680, BF976708, BF977333, BE744727, BE538158, BE907169, BE618643, BG164883, BE885647, AW274491, BE295294, BF237549, BE552307, AA160710, BG109868, BF594273, BE886498, AW080931, BE504728, BE559663, AI660049, BG164638, BF374467, BE900800, AU123019, AA777748, AI808876, AI380738, BF684237, AI270758, BF973412, BE895506, AA564413, BF310917, AV020646, AI281284, AI203218, AA403150, AI368831, AA401483, BE268039, AA913021, AI264541, AA305922, AA700029, AA705555, AI097153, AA430504, AA149943, N75989, BF19145, AA629934, AW966695, AA913020, AW472855, AI308917, BF981762, BE784327, AW027600, BF082396, BF974975, AA136118, AW472856, AI396828, BF082395, AA401609, AI867762, AI264545, AA974269, AA633277, T86566, AA834364, BE789276, AW263663, AI133562, BF594511, BE904898, AA596035, AA977854, AA315182, RC033608, AW016092, AW404348, AW025749, AI884737, AI250679, T86744, BF345117, N89562, BE905692, AW079637, BF762047, AI565861, R80990, AW237726, R94970, AI095116, BE901072, AW188591, AA382274, BE035766, BE550389, R95056, AI799019, AW590111, AA719022, AI099396, AI288271, AI909403, R80790, AA760768, AW970688, AI909375, AI585174, AW849952, AW807662, BF809022, AA576241, AI590646, BF082228, BE009475, BF922727, AA83208, N88948, BE926176, BE009463, BE294296.</p>
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HNOJG43	271	995562	1 - 1016	15 - 1030	W04406, BE940226, BF818730, AA705085, AA092755, BE963676, BF745387, BF756809, U73379, AL050348, AL121852, AC010326, and AR018789.
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HSPSB95	272	995590	1 - 979	15 - 993	AL523089, BE735213, BF990068, AL192441, BE793432, BF794150, AA630330, BE791668, AL523088, BE901445, BE793552, BE515366, BE726069, BF689238, BF027098, BE900126, BE562743, BE747331, BE791104, BF973064, BE733064, BE620825, AL529029, BF023872, BE311984, BE744764, AA641149, A1971403, A1049983, BE387021, BG033880, BE515093, BE796039, BG034885, BF796669, BF026756, BF685347, BG036017, BF688429, BF794151, BG117363, BG169033, BE730729, BE797697, BE728295, A1680328, BG033071, BE908570,

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HCORG29	273	995806	1 - 1461	15 - 1475	AI525031, AI530529, BF663306, BF971545, AW025025, BG258475, AU118761, BG032914, BF685877, BG121633, BE903452, BF981478, BF685489, BF797011, BG116837, BE020242, BG104987, AA827927, AI554406, BG249820, AI524296, AI571895, BG180487, BE740527, BF525728, BE393489, AI572859, AI811667, AI570178, BE387716, BE620784, BF844603, BE879489, BF127513, BG253264, BF663728, BE395984, BG253562, BE905611, BF719300, BE785705, AW338209, AI439999, BF211816, AW613426, AI525030, BG030951, AA156241, AA679290, BG107695, AW167595, AI819887, AI375063, W73277, BE350515, AI189651, AI610178, AA458883, AA491213, AU145990, AA827903, BE787350, AI005598, AA929221, AU119724, AA054320, AI160911, AI685114, AU145249, W05582, AU093117, AW021515, BF216780, AW022794, N30640, AA581846, AW469855, AW163065, AL266487, BE350933, AI031704, AI038497, N372851, BE172272, AW310581, N67420, AI760129, AI567473, AA641542, AI368039, AI823984, AI669557, AW363504, AI283802, AI089726, AA551037, AI918930, AW631236, AA617652, BE856972, AI357866, AI306589, AI269694, BE715156, BG004783, W69646, AI309054, AA845918, N22717, AA829897, W69647, N24200, AA988609, AA459073, AI362823, BE265458, AI538392, AV693199, AA715103, AA132151, N30171, AA581975, AI132029, AW004780, AI687460, BF215226, AA054420, AI352565, AI758991, BF732353, BF692209, H10217, AI434220, AA025260, BF431116, BE869449, AA025338, BH7399, BG222957, AW87096, AA341088, W87822, BF816282, R04593, AA076082, AA490721, AW591730, N75554, W87911, AI433500, N40816, N62299, AW952176, R36365, BF816279, AA878469, BF446815, AA618380, AV748430, AW630598, AI320520, BE768577, AI539196, AW407015, R46078, AI302689, I385306, AA056977, AA147254, R05766, BE812153, AA282256, AI587368, AI024987, AI763128, AI680889, AA341584, AW627423, R85305, R01156, AI350405, AI678578, BE075897, AA010791, AA447827, BF768617, AI173636, H59964, BF367093, H10272, N95145, AI769382, BF741466, AA931906, BF976950, AI814270, R04594, AI581915, AA282730, R02966, BG032240, BF342174, BE812421, BF002679, AI384121, N27031, W56129, AI351715, BF571368, BE717367, H69103, AA210625, BE328449, BF799534, AI971774,

HCRN002	274	995894	1 - 525	15 - 539	BE348752, BG113168, AA992688, AV691812, AA458647, U30825, AL021546, AP001725, AP000692, U87279, U87277, U87278, AA877919, AA011220, and R29605. AI087863, AW205361, W67736, AW135527, BF120181, A1261883, BF886105, A1054585, BF592922, A922244, W6776182, BF033136, A W402172, BE889683, A1347209, A W605270, A W949405, AU134577, BE539958, A W605272, A W418630, AL525630, A W601391, AA321817, BF115737, AV689036, BE563311, BF5372563, A1933896, BE894922, BF853166, A W005273, A1879891, A1692564, BE909642, A W270487, BF669959, A W084360, A W002061, AA101742, A W612752, BF57848, BF797662, BF977586, AU142848, W25008, A W708387, AA306002, A W614255, A W377570, A W728041, AA016984, BF755701, A1802071, W67735, BE885363, BE884342, BE890337, AA377036, AA092406, R27168, AA069079, BF760715, U18914, S20881, and U35428.
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HVCAB73	276	996337	1 - 1513	15 - 1527	AL518842, AU118468, AU117968, AL517493, AU117660, AU119978, AU142310, BE790938, AU142367, BF972250, BF984978, BG252995, BF684869, BE559749, BE560314, BE902291, AU128821, BE795645, BG032172, AU123321, BG110982, BE792404, BE300141, BF982746, BG113974, BF984581, BF794875, BE907107, BG257415, BF309826, BE795893, AU142239, BG257876, BG028288, BE795624, BE735087, BF976730, BF799193, BF305694, AU142239, BG257876, BF529711, BE613812, BE614422, BE791689, BE885879, A1517492, BF409756, AU135389, BE783011, BG032093, BG114278, BE901386, BE618095, BG122124, BF026898, BG256177, BG251591, BE612467, BF311267, BE618641, BG107568, BE888894, BG180037, BG028662, BE278994, BE614277, BE891718, BE868694, A W947123, BE298422, BE908780, BE287871, BF979838, BG121166, A W759228, BG116644, BG108186, BE272582, BE746783, BF785332, BF316338, BF973741, BF70725, BF979294, A W698719, A1404837, BG106907, A W706709, BF311733, AA206423, A W706293, BF789022, A W706359, BE259394, BF983820, A W713317, BE543291, BF980476, BF310651, BG031342, A134782, BG261061, BG251520, BF981835, BE396863, BG028634, A W946539, A V653256, A1035921, BE275555, BE612914, BG026070,

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HSDJH04	277	996619	1 - 926	15 - 940	BE904901, BG168030, BE878351, BG259171, AW732563, N24355, AV724626, F24474, AV722309, A1261328, AW328428, BE674638, BF435021, BG255797, AA532928, F37428, A1370570, F22370, F32515, AA296010, AW070530, F33022, F31501, AA918040, F22734, BE905663, A1022292, A1929756, A1300554, A1718610, A1718646, F33373, BF793297, BF793269, BE875134, A1339442, BE855791, A1342832, A1735425, F33367, AA603132, A1695802, BE730633, AA029820, A1024066, AA031459, AA532849, AA772747, F37419, A136087, A4873691, A1019737, A1625381, AW467861, AA994440, F30932, AA513042, A191651, AA907866, R09570, F19496, AV741591, W52552, A197696, BF035508, AA707059, A1369674, AA306595, A1279742, A1302456, AA320307, AA430347, AA452025, AW627910, A1418637, R28551, BE907102, BF965846, R07147, H51877, F35952, H77315, F29523, F28344, AA548806, AA535597, AA148236, R07146, F21114, BG25442, BF185406, AA555277, AA304129, A1968949, R09479, AA570105, AA876438, A1160002, AA304639,

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HSOANI8	278	996804	1 - 616	15 - 630	
HHEHF49	279	996874	1 - 788	15 - 802	
HCHCF36	280	996903	1 - 838	15 - 852	
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HAHCK58	281	997127	1 - 1797	15 - 1811	

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HETJ06	282	997165	1 - 371	15 - 385	W04730, BE266365, A1133648, BE793925, BE559709, BE790380, AL1518848, BE865465, AL530857, BF132480, BE740884, BE795484, BE793563, AL1304872, AA141065, BE865290, BF683810, W80875, AA122216, AA308813, AA284386, BF326544, AL355392, AF161516, AK023992, and AF152097.
HAPOE30	283	997595	1 - 2897	15 - 2911	AU117247, AL126490, AV177396, BG104731, BE501285, BF056914, AL094852, BF796496, BF063299, BG256800, AA454987, AA454988, BG114650, AW080282, AW956631, A7168948, AE336277, A777232, BE220380, AB597992, A1417858, BE466892, AW103075, AU159373, BE504285, AA918401, A1432403, BG230590, BE673392, BE570742, BF725038, AA410511, BE540683, AA083340, AW594055, AA418120, AL049050, BF112235, AU144138, AA679107, AF08897, AL376002, N78061, AA477527, AT700609, AA828552, AL901181, AA417942, AW168995, AL139660, AB021901, N25477, A1004673, AA411601, AA024709, N49529, AA693511, A1985704, BF343591, W60152, AA778693, AA180440, AA418978, AF1767329, BE350692, AD242979, AS377408, W51942, AA524990, AW195065, AW028525, AW953384, N49287, AA418805, AW243797, A1246226, AA024727, AW008941, AA757727, AA527910, AA074180, C05139, RG7172, BF348935, AA813662, AW971329, W94122, AW614468, AF513979, N58471, A1868472, AW182171, AA707715, AL1183895, A1927765, A1620107, BF508176, RS9887, A1654118, AW204432, H44803, AA352918, AA295664, AL499474, AA363317, R09270, R26284, A784077, AA385639, R25459, H95934, A1572507, BF610030, AA885993, AA363316, R35885, R35884, AW993480, AW025692, AA721410, R36442, AA251090, A1864808, W94018, AA579940, A1872496, AD249523, AW993324, R36160, BE817052, RS8756, AF1513907, AV729890, AL514919, AL514627, AL513597, BF054789, A1985363, AL121270, AL514691, AV655645, AL514791, AW071349, AW827203,

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HRDC33	284	997862	1 - 1826	15 - 1840	AL530171, BG167455, AW341526, AA143021, AL621276, BE695940, BF540092, BE695955, N34863, AW593873, AL530172, AW196758, BE723067, BE723008, BG054486, AI392748, AI807788, AL147923, BF666752, AL634124, A7204647, BF438607, AA293879, BF476285, BE866767, AW276898, BF434775, BF103871, A712302, A711800, BF983985, AL392984, RG3482, AL680602, RG3481, BF507828, BF688635, BF908078, A1795905, A1444949, BG178163, BE048998, AW269138, BF689020, AA251885, AA150912, BE566036, AW884530, F34352, AW801105, AA872641, AA321262, AW082114, BE001578, AW674054, AW961602, BF913145, AA937288, F29869, A924910, A1908447, AW800341, BF746755, BE215227, NA3936, BF676410, A1969745, BF061733, BF796686, A1990282, A7884388, AL109918, AP00568, AP001676, and AK022362.
HMTNB91	285	997873	1 - 1162	15 - 1176	AV755264, BF577013, A1923558, A7268804, A7469653, AA760854, AA580566, AA580691, AA836463, BF899990, BF926478, AA768321, BF514639, BF088900, AW392416, AI885519, BF061715, BE888827, AW129764, A1951031, AW858464, A1936012, T40389, AW392849, AI820997, AW885813, BP950338, AW836417, AW392833, AI821288, BE503330, AW837691, AW750461, BG114047, A1275943, AF109907, AC004858, Y12017, AK026107, AR060046, and AR060053.
HFAAD07	286	998059	1 - 988	15 - 1002	AV684787, BE674615, AI887753, BG258585, BE218749, BF224413, BG165003, AI702451, BF224407, AA548464, A1978680, AA071156, AA191693, BF570780, BE738364, A197896, AI826052, AA041342, AW014334, T62575, AA197202, A1084270, AW375498, BE775118, BF333162, AA188647, BF431428, A19155686, AA602203, BF751398, BF355027, BF155009, H10377, H20737, T63199, A117290, R71297, AI829554, BE645507, BE815650, BE247171, BF701182, T62541, A1659397, A1868867, AI810306, R40856, BG110361, A1701277, AA602213, T62616, A1221666, AA070862, AA860281, BF718478, AA191265, BF088816, BE090765, BE840583, D25992, BE704032, BF692434, A7554477, AW363933, BE540276, A121712, A5284808, BF981414, BG015645, A1633590, A19727030, A1199435, AK023434, AB029036, A1132948, AF119043, A1035410, and AK021491.
HE8TG67	287	998517	1 - 1884	15 - 1898	AL537729, BF346881, AL536527, AL517563, AL518650, AL525543, BE621523, AI536921, A1040011, AL331577, AA704144, A1516123, BE271006, BE540109, BE619747, AI533503,

<p>BG170064, B2295680, AL517777, AL535620, BG104730, AV728438, AA639215, AA553235, BG034845, AW939741, BF339759, BF813789, AA772354, BF569960, AW245816, BE904810, AA700011, AV245455, BF935453, BF526361, AA610582, AA618009, AA482569, AA610662, AA555035, AA040983, AL819039, BF509170, AA521380, AL983888, BF530869, BF163540, W94704, AA147292, BE202086, AV250767, AA102613, AW069495, BF1793946, AA701091, AV250019, AU155225, AA449739, A924565, AU155236, AW870021, AW001469, AU150827, BE200808, AU154343, AA666235, BF594057, AU148334, AA043731, BE500631, AU159873, AA057396, AU144390, AA527772, AU147764, AU094607, AU052499, AU159438, AA366151, BF372773, AU143930, AA402208, W79479, AA477554, AU893970, AU095433, BE621093, BF7888236, A983030, A8338299, AA402755, N24100, AL131290, BF793622, AA838250, BG109583, BF699040, A1269227, AU151352, A1333121, BF811338, BF907598, AA581533, BF433802, AU195604, AU050079, I199825, AU1447776, AW069554, AA037083, A1280691, AU181013, AU157349, AA620539, BE206615, BF549766, AU081124, W94605, AU081123, BE550280, AA706590, AA314919, AA561856, BE255662, AA861056, AA071324, AU157614, WA881111, AU153214, AA719876, AA181563, BF690321, AA808269, AA723095, A1560861, AU156662, AU155846, BF091342, AU027763, A5658338, AU139682, AU154971, AA642695, W61345, AA404305, A5656535, AU176667, BE620819, A1283202, AU155712, BF089082, W61344, R79062, H27908, D29084, AW057006, AU158884, AA427413, W07813, AA477671, AU079573, R73349, BF841432, BF307440, H39826, AA046670, A1623515, H51138, AA513633, AA723537, BF53077, R88416, AA196631, R72209, N24999, AW248474, A1249357, AU079657, AU1302390, I100687, R85477, AA622001, A4779932, W68598, R76453, R72512, H26162, AA081465, F37521, AU197771, H51406, BE593340, A4292020, AL372748, BF888556, H80260, BF888240, T08241, A5926863, A1848037, AA070621, AA904073, AA132775, AA107672, AA021203, BE779033, AA083239, BG106905, R51115, AV721285, AU198296, H43462, AA909846, A1223384, AA369503, AA602541, BE559727, AA468065, R87334, AA122383, AA567746, AU028674, AA083702, A1723723, A125149, BG255449, AV721284, H06257, H51448, AA074046, A088433, W56259, AW615762, BE270473, AA293301, AA815062, B52926, W60481, AA468007, AA968899, AU119324, BG008464, AA341160, BF532897, R11127, F36977, A1286077, AA936774, AX015425, D63475, U36188, U27106, M23674, AF001923, AF001922, AL389935, AL442082, AF078844, AF079763, AU157483, AL162004, E06743, AK024524, AK026797, AFI15076, AK000421, AK026164, AK027173, AL3389939, AFI13694, AK025084, AFI20268, AF217982, X57961, AFI11847, E01614, E13364, X96540, AL137271, AF016271, AK026592, I48978, AB047904, AF217991, AFI13019, AL161953, AF057300, AF057299, AFI16631, AK026542, AF069506, AA014095, AF217786, Y09972, AL110222, AF077996, AK026353, AK024538, AF070712, AB038698, AK025631, Y10080, AB034701, AFI30059, AB019563, AB049892, I89947, S63521, A08916, A90832, AF094480,</p>	
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				<p> A08913, AF130110, A18777, AF1133619, AL389937, AF090900, AF116682, B89931, U91329, AL133557, A08912, A08910, AR087170, A08909, AF017437, AK024588, AF132205, AL050024, AK000618, I33392, AK000212, AF153205, AK025798, AK000310, U94999, AL133014, AK025465, AL137479, AR038854, AK027116, A08908, AF090896, U04504, S76508, B89934, AF116644, AF119883, AF090943, AK027121, AB048953, AK000250, AF119857, AK026008, AR032266, Y16645, AF028823, AL049582, AB047897, AX019230, AF225424, AL080154, AX011676, A07647, AF1359620, AF208026, AF056191, AL005039, S78214, AF113691, I29004, AF130104, AL050146, AL162083, AF119896, AF143723, AF119859, AK026741, AB049833, AF090903, AF262032, AF117657, D16301, AL137547, AF153827, AL096751, D83032, X66871, S36676, AL049283, AL122030, I46765, AK027204, AL117585, AR079032, AX046842, AL117394, U402766, AX019229, AF113013, AX021188, AF113689, AR034830, I96214, AL359622, AF218031, AL353957, AF111851, M90514, U58996, AF202636, I17767, AF111849, AK026647, AF106657, A0003690, AL133104, AF116639, AL133538, AK025967, AX047644, AF218004, AB050421, AF185576, AK000083, AJ238278, AK025349, AF242189, AL353940, AK000391, U80742, AL122093, AL080126, AK026600, I00734, AB049848, AF267991, U75932, AF314091, AF116691, S75997, AL050277, AL137596, AK025391, AB048888, AL110196, I03321, AK027146, AF026124, AF218023, AF116646, AF254119, M27260, AF130068, X54971, AF138861, E00617, E00717, E00778, U57352, AL359615, S77771, AF178432, AL133113, AK024506, AF175983, B89944, AL133560, AK026534, AF100781, AL049324, AK024992, AK027102, AK027096, AL137557, AF159141, AL137478, AF218014, AL390154, AK026642, AK025906, X70685, AL049514, Z72491, AB047941, U53505, AL117583, AX017991, AK025209, AL137459, R33834, R33835, X52128, AF130105, AK027164, AF017790, AL137529, AB050431, T92736, R33834, R33835, R33993, R34880, R36088, R36183, R41327, R53706, R41327, R72170, R73657, R76025, R76227, R78754, H15810, H19741, H20074, H26185, H28046, H39612, H42479, H44400, R85909, R87326, R88467, R90835, R90836, R90927, R96270, H51203, H51431, H51570, H51940, H92747, N31624, N62322, N79443, W37310, W69152, W69277, AA016048, AA016059, AA017717, AA029411, AA029277, AA065039, AA071000, AA074465, AA113882, AA171923, AA533376, AA551621, AA551734, AA584329, AA584359, AA657809, AA745127, AA761504, AA804720, AA834831, AA857175, AA968508, AA976763, AA291776, AA427412, AA476955, AA669654, F22178, AA857221, AA861255, T03330, T03513, A0027029, A080033, A1122866, T15399, T17025, A1439358, A1560117, A1566983, A1567273, A1570382, A1582375, A1584181, A1624390, A1627996, A183819, A165480, A1721156, A1587318, A1613240, A1689548, A1690603, A1744851, A1745467, A1799307, A1859423, A1859509, A1919574, A1953465, A1963535, A19616491, A19688681, A1971042, A19728909, A19730417, A19731920, A19752670, A19757018, A1978705, A1979199, and A19737323. </p>
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HACNC39	288	998533	1 - 327	15 - 541	<p> BG258323, AV726190, BG509174, BF031580, AW247693, AV733393, BF673590, BE393632, AV718256, W33034, BG223143, BG027098, AA316722, BF540944, AV740290, BE620501, AA761185, W76104, BE880515, W72590, AV712501, AU37016, AW951730, BF343423, AU301029, AW516518, BE336891, AU973019, AW954688, BE267264, F19333, BA624858, AW275727, F24037, BE864443, R98379, AA293612, BG029810, AU074416, AV682189, T30842, AU195781, AU709082, AA0010642, BG178022, BE206642, AW163422, AU169744, BE737738, AU972242, AA305959, W30911, AA622015, AV799008, N39461, N99973, R89095, F24482, AA081027, AA502036, R89203, AA035242, AV758359, AA573301, BG116673, BF976770, AU205784, W69222, AE301695, H55975, AA081028, BF028555, N95321, W01264, AU196663, R98380, AA861810, W07432, BE744309, W57656, AU927506, AU179437, AA226340, AA226339, AA659132, H55976, AA635460, BE263378, AW004832, BF208315, AU096433, AU885213, AU097113, BE838122, AA935727, AA935732, T64927, AA128637, AU282165, AU299205, D31544, AU087422, AD99261, AA977268, AU493422, AA534488, AA927717, BE738497, AU028146, AU027821, AU288435, AU590079, AV744150, AU758305, F32365, AA601928, AA862695, AA910891, BF082399, AU867500, AA601890, W69078, AA535582, AA011251, F22069, AV162386, AU54628, AW157546, AA514029, AA527091, AA514433, AA948196, AA307500, AV163423, AW841585, AU266428, F36879, AA304694, AU27191, BE620900, T34355, BE687997, D11824, F29996, AA127824, T19184, BF989606, AA852006, AA480469, AA385328, AA046538, BE045065, BF678637, AU880263, AA128770, T39523, AA837248, R66514, T67659, AU580758, N73968, BE567125, BF217569, AA680363, AA301822, AA055001, BF246041, T32179, AU879869, AU143015, AU141685, AA100691, AA177089, BF7830, AW964427, R30686, AA973995, AA572821, AU282316, T30691, AV715207, BF743095, W24587, AU468069, AA321070, AA558416, AU445120, AA996068, AU014448, AA908418, AA931480, AU148889, AW383730, BE045228, AA045468, AU467821, AW583317, AA308501, BE049525, AA962130, AU148886, BH7357, F37883, F27165, N70956, W35401, AW151841, AU148586, BE833126, F31392, F17340, N75848, BE174000, W03741, BF819345, AU092713, BF031948, BF819342, AC008752, and AF318186. </p>
					<p> BF038501, BE743899, BF032818, AA587273, AU70221, BE501242, AU566249, AW590780, AU963941, AU16929, AA933987, AU656124, BE672062, BF508514, AW873183, AW801187, AV610294, AW998772, AU14774, AW610295, BF915088, AW998876, AA320217, AA343629, AW965060, AA041047, AA400995, AB008927, AB008390, AF055982, AB009849, AF095742, AX002035, AF095743, AF251125, AF243527, AC011473, AB012761, AB010780, and AX002037. </p>
HCGMQP78	289	998901	1 - 1051	15 - 1065	
HCGMA67	290	998905	1 - 2397	15 - 2411	<p> AU516908, AU529636, AU528012, AU522876, AU1526488, AU1521128, AU516907, AU531189, AU122740, BE754665, BE250550, AU519700, AU743006, BE798628, BE736968, AU125167, BE797870, BG112405, BE902115, BE560581, BE734679, BE793368, BF969559, BH620400, BE268360, BE736647, BE902108, BE728049, BE796873, BE870756, </p>

AW411493, BE270572, AU133808, BG121078, AU133710, BF686594, BE910106, BE257320, BF317202, BE795091, BE730051, BE263846, BE384717, BG115969, BE879093, BF183030, AU134059, BF974997, BE737205, BE396557, BE262942, BF027539, BE793751, BE904872, BE893045, BF178142, AU133810, BF310279, BE311403, BF780071, BF125763, AW249262, BF167684, BE799083, BE150570, BE264319, BF797226, BE276706, BF797134, BE277414, AU122878, AU1819948, AW292784, BE018144, BF731116, AU146337, BE388656, BG232088, BE644993, AW085302, AU1819956, BE273350, AU411494, AU226500, BE079846, BE190098, BE385907, BG250419, BE264525, AW248841, BE542604, AW604679, AU181894, AW264093, AU126505, AU181895, AW837557, BG114384, BF779041, AW182262, AA436151, AU184672, AW069602, AA599479, AU150894, AU687205, AU637558, BV649134, AA594593, AW168019, AW068429, BG035056, AU091663, AU346277, AA232178, AU23623, BE139474, AW001867, BF348648, AU028886, AU082781, AA452041, BF912320, AU138457, AU962228, AU346777, AU133011, AU085977, AU127224, AV648865, AU659420, AV648769, AW857727, AU743051, AU721055, AV648944, AA211354, BF894734, BF892701, AA156145, AU261503, AU357961, H82468, HS1040, BF752799, BF948221, AA306464, AA995825, H77453, AW837617, AA155712, AA451842, BF752803, BF951602, AG631133, R86155, AU270028, BE301626, AV725027, AU538266, AA844701, BF761725, BF752808, AA064668, AU10461, CI8335, AU961800, AU129748, AW381832, BE152165, AA280183, AU184909, AU125741, AA133126, AV067954, AU445000, AA156399, AU322829, AU241053, BE767776, BF594788, BF951594, AA826959, T72301, BE706433, BE063208, AU380368, AU127223, BF550441, AA306328, T48747, AU911666, R31445, AW673805, AA382705, AA922112, AU688280, AA385663, BE710692, AW194218, AU984114, BF764757, AA353720, AW883638, AU130715, AU784292, BG254395, R50604, AA347146, AW016251, AA300597, BF851633, AW302862, D25743, AU351721, AU130800, AW276690, AU99265, AU57970, T69840, AA281560, AU633516, R33694, AU049970, AK025165, S53268, X56741, X56385, S53270, M83675, AC011742, AU137068, AC003104, AC011452, AC006329, AC008812, AU391690, AP000335, AP001723, AC009086, AC003029, AC004151, AC002401, AC011475, AP001732, AU121929, AC007386, Z99716, AU117334, AU050349, AU138741, AC004840, Z85987, Z83838, AU1031680, AC005098, AC016995, AC000353, Z93015, AU162505, AC010422, AU121933, AP00215, AP000350, AC008163, AC003007, AC005071, AP001469, AC008649, AC004166, Z83845, AC006480, AC004975, AU049762, AC004867, AC005632, AU139353, AC010289, X14448, AC002351, AU133174, AP001038, AC005082, AC004159, AU033338, AC006312, AU138986, AC006530, AU031291, AF024533, AF030453, AC004673, AP000557, Z82179, AC005180, AC007283, AU158830, AC009470, AP000031, AC026199, AF135025, AF053356, AP031078, T53552, R50516, HS1041, H77454, AA064715, AA116002, AA128604, AA132717, AA665918, AA709196, AU091860, and AU096317.					
HSKHK19	291	998968	1 - 1335	15 - 1349	AL519526, BE256801, AW130128, AW970424, BE621017, BE787578, BE621643, AU589581, AA665918, AA709196, AU091860, and AU096317.

HAGGR39	292	999124	1 - 584	15 - 598	<p>AI949575, AI818124, AI589840, AW081864, AI912753, AIU145973, AI634482, AI563933, BE223113, AI074607, AI569706, AI814661, AI373372, AA496332, AI860757, AI184874, AI812006, AW275923, AW275923, AA443603, AI866518, AI049612, AA53149, AW613441, BF510601, AA466119, AIU146067, AW938784, AIU119822, AI377544, AI519527, AW613441, BF510601, AA496667, AA910533, AI568546, AI033588, AA457153, BE676768, AA454523, AI170554, AI187136, AI241929, W72667, BF530659, W06898, AA699709, BF540866, AA074340, AA367858, AA443905, AA577051, AI286065, AW151489, AA567893, AI566686, BF02465, AA379678, D63303, AI017693, AA513395, C02140, BE702440, AA676828, AW751107, AA476663, BE048320, AW337952, BG004582, AC004890, and D30612.</p> <p>BE784070, BF020337, BF514872, AA568401, AA579465, BF967065, AW752043, A90832, and AI121674.</p>
HOPK883	293	999148	1 - 2249	15 - 2263	<p>AI522393, AI53573, N99342, AI516958, AI535381, AI523241, AI535062, AI522394, AI535382, AI516957, AI523240, BE562445, BG105219, BE612965, BE312728, BF312923, BF315986, BF035342, AIU118409, BE743128, AIU119979, BF317065, BF315006, AI911669, BF206582, BE378738, BF314738, AI920919, BF307782, BE393973, AI517298, BG105346, BE299566, BF312608, BE336625, BE743194, BE899095, BE878702, BE314539, BE299463, AI863032, BE382388, BF793901, BE299754, BF033995, AW956838, BE336951, BE263982, BE299939, BE794536, BF204946, BG117745, AI517299, BE540363, BE746020, BE889577, BF310262, BE294433, BF032410, AI630971, BE262722, BF206365, BE881335, BE792711, AI962959, BF038482, BE736530, BE262374, BF983571, AI041332, BE22837, AI203519, BE747404, AW474516, AW860949, AH67799, BF038659, BE393887, BF205799, BF984046, BF035677, AI446105, BF033792, AI683133, BF207213, BE390734, BE880386, BE797748, AW084757, AI623575, AI198705, BF317016, AI688407, AI131027, AI951929, BF035073, BF724131, BF034309, AI680339, BF361335, W63745, AI802236, AI620096, BG117568, BE395019, BE963719, AI631270, AI017269, BE382313, AW404858, AA069776, BE127748, BE161881, AIW13659, BF306325, AI146732, BF741443, AI041531, BE260390, BF811734, AW951865, BE963088, AW516123, AI126564, AI376222, AA399190, AI473708, BE298239, AI024470, AA069813, AI693963, AI038226, AA557265, BF832766, BF038178, AI463742, AI130457, AI371081, AI302272, AA613136, AI148411, AI080066, AI469677, BF315904, W58405, AA031461, AW3001060, BE743266, AI366166, BF812723, AI097537, AI190904, AA479914, AW575954, BP956421, BE260076, AA156788, BE391447, BG169831, BC015923, AI814687, AA728764, AI859489, R72685, W74501, W61097, BF092603, BF092637, W58479, BF811740, AI683174, W79724, BF092611, AA974665, AI874214, AI156877, BE395157, AI568464, BF590686, BE336638, AI743500, BF948695, AI538384, AI039247, BF948483, AI149388, BE830442, BG059628, AA394042, AI625093, AW630225, BF092602, AI274730, BF446367, BE261854, AI040040, AI810483, N94374, AI446509, AI658968, AI367239, BF912314, HA8071, AI018149, BE019825, AI589495, BF948722, W58139, AW511638.</p>

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HERCY70	294	999157	1 - 1830	15 - 1844	R21300, R24774, R36859, R38515, R43031, R46146, R48308, R48410, R48837, R48836, R50605, R453031, R46146, R70155, R71373, R72615, R73704, H14786, H155694, H15747, H15786, H17811, H17812, H20074, H22611, H40823, H41607, H43789, H45564, H47720, H87510, H88795, H88794, R89030, R89726, H50894, H60992, H84383, H89495, H89641, N74100, W19372, W42783, W42898, W44469, W57868, W78899, W79097, W84333, A4025892, A4031482, A4040320, A4158788, A4158789, A4161030, A4427424, A4501350, A4523346, A4535938, A4541255, A4635831, A4741728, A4838101, A4873146, A4876672, A4894659, A4937250, A4976782, A4995084, W84394, C03893, A4922288, A4448902, A4453017, A4476579, A4722416, A4835064, A4832464, A4283459, A4860458, T03398, A4971995, A4947590, A1016219, A1039549, A1066699, A1086910, T15385, T17105, Z41095, T16680, Z45379, F01667, D45708, F04904, P05415, P05955, P07313, P08033, P09125, F11540, F13021, F13479, R12105, F09201, F10617, A1282756, A1288425, A1563724, A453295, A4418866, A4471189, A1500689, A151529, A1147105, A1247641, A1278086, A1291822, A1682136, A1682565, A1689335, A1696603, A1838413, A1918457, A1922927, A1953304, A19057752, A19073356, A19073834, A19074319, A1929483, A19138948, A19152247, A19166772, A19243760, A19264088, A19273276, A19189508, A19193597, and A1938298.
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HPCT153	295	999243	1 - 1791	15 - 1805	A1535256, A1534951, A1537065, A1534840, A1532662, A1534290, A1534839, A1537766, A1536321, A1536486, A1519773, A1519772, A1534970, A1514450, A1536487, A1532832, A1515338, A1532707, A1517308, A1533170, BF966574, BF966824, A1533327, BF969218, BF312752, BF966857, BF971333, A4954454, BE741256, A1138028, BF348205, BE742610, BE746943, A1528920, BF966861, BF9791964, A10134706, BE82457, BF793547, BG036726, BF206971, BF793341, A10136509, BF788895, BF793833, BE314386, BF528036, A1795976, BF315334, BF528947, BE786032, BF969765, A4905152, BG031513, BF792034, A1795976, BF966199, BE383501, A1147046, A49857216, BE784831, BF966444, BE259799, BF951728, BF527213, A1537064, H93036, BF951951, BE260158, BF951931, BE793344, BF951912,

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HAPA117	297	999778	1 - 1280	15 - 1294	BF033653, A7444993, A7817043, BF032343, A7807343, A79510878, A7950459, A7826126, A7447467, BE857146, BF509983, A7001932, A7446661, A7951171, A7872128, A7422604, A7083866, A7297393, A7138791, A7775527, A7262576, BF031621, BF033189, A7155748, A7033363, BE645182, H13820, A7670262, D45494, BE899588, A7228815, A7315799, A7977654, A7683497, A7586990, A7134985, BF853051, BE315005, A7890841, BE788343,

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HFYLL31	299	100031 5	1 - 2567	15 - 2581	AW851285, AL307751, AW851000, AW850996, AW851276, BF111184, AL860767, AL153436, BE326805, AW749056, AW749197, BE962693, BF057083, BF692970, BF062646, NS4275, AL304947, AL129360, AA431590, AL653467, AL523805, AW1816568, BF933761, N78023, AL188725, BF684485, AW429000, BE064682, AL417222, AW003359, AL690557, BE222504, AL335940, AA035134, AW627685, AL765632, AL276573, AL301819, AW026872, AL285087, AL808713, AL262798, AL000876, BE698558, AW206536, AL341622, AA035133, AA088715, BF733092, AL853281, AW367644, AA088714, AL767023, BG223175, BF939909, AW851279, BF926936, AL537741, AW194241, AL138638, AA100747, BE010120, AL251120, BF223733, AW633098, AL0166773, BF350566, NS8715, AL289411, AW539814, BE243498, AA341869, AW339823, AA811859, AW650677, AW865812, AL654828, AL626069, AW657837, AL610516, BF196451, AL473271, AL4431459, AW300347, AL631804, AW771246, BE157598, AW374420, AL100730, AL696300, AA135161, AW49214, AL135257, AA216017, AW636611, BE651326, AL149246, AA066876, AA341868, AW053041, AL714474, AA227718, NS8433, AA249421, BF353532, BF391686, BF810441, AW055957, BF926241, BF885921, AL123195, BE174780, AL345415, BF911517, BE612556, AL345612, AL568293, AL345416, BF971669, AL654276, B36271, AL590043, AL730322, AL333104, BF763458, AL036901, AL520964, BF911526, AL583578, BG260817, AA761557, AL78258, BF971995, AL690813, AA618618, AL621341, AA814345, BG023897, BF9797967, AL539260, AL018677, AW075382, AW083573, BF726255, BF393844, AL658669, AL638644, BE886790, BG257360, AV747571, AL434969, AL538850, AV756182, AL568061, AL823669, AW927233, AW955313, AL368579, BE620296, AL040243, BF970768, BF726231, AW167215, AL118400, AW500061, AL6083572, AL149826, AV755821, AL046942, AL698391, BF797047, AW682387, AL039276, BG113299, AL499279, N25033, AA555145, AL744268, AL923989, AL370623, BE965129, AL262320, AW630386, BF725395, AW083573, AL866469, AW267289, AL124834, AL537677, AL580027, H89138, AL699175, AW020561, AW005029, AW627309, BF616654, AW390806, AW020419, BF765551, AL037602, BF835240, BF310166, AL769550, AL8631002, AW959800, BE778453, AA749449, AW168406, BF344406, AL1364167, AL61675528.

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HCDCF69	314	100246	1- 1277	15 - 1291	<p>AW951151, AW338071, AA809094, AW404817, A1677804, BE706887, AW393943, A1632844, BE718686, BF880645, A4W04789, BF882984, AW815354, AW394005, A1667632, AW105088, AAG34723, AW606623, AW364250, BF912860, AW664364, AA434303, AW380311, BF917179, AW629974, AW564283, A1823692, BF879353, A1569175, A1674060, AW863113, BF1768446, AA622721, AW578646, AA554755, A1633933, AW405822, A1554861, A1636419, BF836114, AW192337, AW380979, AW394000, AW613218, BF706990, AW150030, AF045539, Y14737, Y14735, Y17957, BF07334, N87789, A94061, A94048, Z16299, S79307, AX002779, I07069, A1601892, AR0300007, AR015961, A1601652, AR001186, A94040, E101321, AR031184, A007562, A16016615, AX010646, A99081, A990558, AR000006, AR015960, AX047023, A21385, A70359, A49389, A48778, A48781, A492159, AF045538, AF045536, AF045537, I00230, A1250170, Z17370, AR038306, AR038307, AR038320, AR038321, D78345, X03604, AR035228, AR035227, U01316, X16110, L13307, X06766, E06998, I16573, A1390241, A1390254, A1390259, A1390260, A1390262, A1390238, A1390237, AR029004, AF237585, AF237584, A1390247, A1390252, A1390272, X99549, A1390236, A1390246, A1390276, I08115, A1390242, A1390235, A1390244, AF237583, A1390264, AF237586, E06997, Z49801, X81695, Z49802, AR096913, AR096914, U00231, A001564, AR050856, AR035259, L25006, A1001563, E01316, A58742, E01246, Z16298, A48776, X70421, AX020392, AR050855, A13903184, A1039182, A13903178, A05093180, A58741, U01315, AR083725, AF150959, AR019521, AX047022, AR047022, A1390375, U00752, I68031, AR076919, AR019620, AR007967, I89769, AR070604, A63774, A63776, E12844, A48774, A48775, A48779, A63954, A58738, E16197, AX031159, A48782, A58740, M81770, AF062384, U03779, U03780, U03781, U03778, M81769, AR076929, AR080985, E05061, U03782, X74166, X74165, AF184765, A67300, X81696, A67262, A51866, AB022652, A67291, A94776, A67267, B8012909, AB027435, AB022650, AB027441, AB027443, AF184764, U92452, M98324, AB022655, E01511, AF191092, AX000422, R71893, H61354, AA937868, A1275991, A1281711, A1300883, A1862183, and A1872921.</p>
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HFTTW90	315	100247	1 - 1273	15 - 1287	9	AW170624, AW516181, BG117151, AU149061, AU155228, AW502495, BG122631, BE254060, A1677723, A1687960, BF814084, BG024360, AW196108, BE746829, R43739, BF824787, AA458356, AA546172, W408007, AA87697, AA602768, AW514450, AU952211, AW051649, AU039873, A1168473, BF683651, AW500158, AB016794, L20431, I73380, AR066417, AC005516, Z69837, L274116, D3502, A39975, A39976, L28827, I73389, AB016793, AR066384, U24233, L23313, L23312, U18650, and L27413.
	316	100249	1 - 961	15 - 975		AW185096, BF103789, AU117205, AU137241, AA733050, BE783499, BG618181, AV757786, AV743769, BF680487, BG027886, A1333721, BF541964, A148205, A1811087, BE378837, AA987818, AA742752, BF685222, AW952792, BE302100, AA659440, AA732364, A1936096, AW327396, A1048083, A1279902, A1263891, AA40528, AV753064, A1826356, AU126592, AA432012, A1123006, A1048084, BE564318, A1470021, AV704356, AA316536, W45183, BE018474, AA623516, A1185357, A1076183, W80493, BF211327, AA316468, W84630, AA316105, BG030086, AA846523, A1422123, W78758, AW518265, A1084860, BE873984, AA313273, BF837020, AU126555, W91935, AA678021, BF211971, A1436313, AA573309, BE874605, AA740180, AW276292, AA652253, BF836170, BF240312, AA746960, F20803, AW005309, AV755665, AA505968, AA262737, AA643844, AA825665, AA825656, BF130013, BF209571, AA484987, AAG57855, AAG60115, BF218165, A1630419, AA747022, AV957951, A1630230, A1098286, W87610, AA483708, W84681, AW089021, A1085413, AA715002, W87901, AW817501, W94898, F33710, F36966, AA706906, AA384245, T28438, AW995979, A1349439, AA075194, AA659105, AA782910, AA484859, AA812174, AA075195, AA367098, R58158, AA894871, BG153113, N83465, A1339378, A1340881, AA344740, BF758034, D19829, A1613313, BF906690, AA865159, AA804898, W42658, A1442740, BF837009, BE963193, AV732657, AW162196, M21258, X12466, M37716, M15918, AC011533, M65125, M65126, M65235, M56001, X12465, X17036, A1033378, AC006599, M15919, X65704, M21253, X54048, S60260, D28435, and C14070.
HODFU72	317	100252	1 - 1287	15 - 1301	7	BF676003, BE076759, BF959356, A1556964, BF362336, BE079009, BE244665, AV701402, BE929112, R18432, R14837, A14837, AF257305, and A1333807.
	318	100254	1 - 1013	15 - 1027		BE974713, A1141674, BF975632, BF338816, BF974359, AW084029, A190207, BE560989, BF975863, AA402796, AV649126, BF128621, A1634404, BF976229, BE559541, BE562327, BE513271, BE559866, BE560810, BF664119, BE562370, AV651267, BF343082, BF270781, AV691558, BE562087, A1523289, BF128616, BE561313, BE559743, A1820745, BF343658, BF974797, BE561803, AV700819, BF664036, A1435293, BE663927, AA808888, A1963421, A1582211, BE560212, A1620843, AV557538, BE561081, BF976648, BF338856, AV697043, BE561605, A1799354, BE706916, AV688454, BE561129, BE562272, BE561382, A1589372, AV692175, A1573110, A1122978, BE140135, AA896973, BE156144, BE396449, A1589395, AW270248, BE562336, AA994436, BE559999, BE561378, AA558653, BE561302, A1066510, A1478690, A141708, A1584008, BE561413, A1625973, BE271225, A1687371, BF128831,

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HAOSD18	324	100260	1 - 1536	15 - 1550	AL515847, AL534708, AL537762, AL535078, AL521408, AL534660, AL534167, AL519104,

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					<p> AB615682, BE370961, BF663234, BE408564, AW170187, BE744572, BE272515, BE351061, AV759830, BE744136, BE898265, BE615095, BE898833, BE901567, BG104252, BE731059, AV712671, BG105893, AW958606, BE378958, BE390753, BF726889, AG28078, BE257695, BE255051, BE378807, BF733995, BE394125, BE547388, BE744484, BF308615, AV722219, BE563694, AA191721, BF566822, BE391448, BE378135, BE742207, BE301356, BE389747, BE910504, BE378222, BE894336, BE258477, BE990780, BE259666, BE906157, BE390131, BE252988, BF204315, BE742905, BE907998, BE395265, BE877231, BE904650, BE392603, BE746063, BG110100, BE906558, BE974208, AB222228, BE378753, BE378979, BE620999, BE359545, BE964782, BE395717, BE728538, BF034105, BE746877, BE907263, BE615166, AB171100, BE409223, BE389416, BE612801, BE903081, BE907458, BF037094, BE260767, AB672827, BE392608, BE388378, BE272370, BE906926, BE907353, BE907636, BE390221, BE52559, BE269917, BF888804, AB000225, BE879069, BE392484, BE907996, BE393768, BE744111, BE263049, BE900382, BE732178, BE392942, AB433377, AB494904, BE909539, BF037570, BE512924, M60854, AC011500, AF174394, AX046345, AF100694, D28392, AF125570, AL080096, AF118386, AL049963, AL080106, T39461, T40600, T50340, T52852, T52853, T80960, T81088, T81136, R05273, R05330, R07057, R24087, R27285, R27479, R28643, R31455, R31456, R32576, R35226, R76129, H18246, H18286, H18967, H19064, H20011, H20081, H41291, H43525, H45187, H45204, H46038, H46124, H68463, H68829, H90436, H90492, N21513, N31531, N69961, N79603, N98545, W07431, W19070, W2687, W45243, AA025256, AA025257, AA053681, AA053701, AA079081, AA081292, AA081424, AA083633, AA128636, AA128769, AA131595, AA131659, AA136372, AA147988, AA148016, AA155840, AA179953, AA181208, AA187494, AA187038, AA191372, AA194786, AA197012, AA197084, AA197199, AA233036, AA483516, AA493174, AA505299, AA508438, AA513058, AA513465, AA513694, AA523046, AA523142, AA524275, AA527611, AA528406, AA528779, AA531519, AA533546, AA534255, AA535660, AA535776, AA535154, AA554987, AA557823, AA557881, AA564163, F16162, F17113, F17276, F17454, AA383448, AA600904, AA602024, AA603098, AA603636, AA604035, AA604060, AA665440, AA689373, AA730722, AA730769, AA745094, AA846965, AA862676, AA886587, AA888702, AA916012, AA928212, AA931749, AA937509, AA961846, AA988782, AA995294, AA995746, AA948197, F18059, F18259, D78886, N83641, N85034, N85277, N86025, N86064, N89022, N89332, N89491, C17501, AA090558, AA090768, AA091238, AA092105, AA092557, C18629, AA093142, AA094380, AA095031, AA155929, AA644078, AA650542, AA651744, AA248200, AA293341, F20500, F21169, F21316, F21693, AA410242, D11523, D11939, AA448222, AA4488195, AA487374, AA457164, F22094, AA722251, AA896037, AA985257, AA096915, AA550886, AA144335, AB265916, AB339402, AB471350, AB421239, AB126388, AB131296, AB185597, AB191496, AB200589, AB277461, AB280340, AB307119, AB340304, AB521468, AB683576, AB685671, </p>
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HSCLR05	327	100280	1 - 980	15 - 994	<p> AI700438, AI796647, AI824691, AI829972, AI865678, AI915175, AI928522, AI969992, AI902627, AI9131547, AI9198186, AI9261952, and AI9276716. AW963399, AI609934, D80029, AI906267, B672203, AI745441, AI72112, AI041677, AI9439716, BF092701, AA838613, AA922296, AA828728, R98102, AA834893, H54015, N50938, AA043772, R83194, AI221967, H68772, AA372063, AW900696, R98103, W93231, AI183613, AA371856, AA861294, Z21092, AA431494, AA043771, H54171, BE878252, BE765324, BF683734, BE766646, AA424498, BF092669, and AK000435. </p>
	328	100281	1 - 1150	15 - 1164	<p> AL511746, BE314392, BF685767, AL511745, BF663864, AL527798, BE901139, AI526086, BF732253, BF730581, BE723465, BG033928, BE274994, BF793389, BE735117, BF736161, BE274909, BF025763, BF797068, BF793676, BE795151, BE276067, BE799798, BF568859, BF797444, BG031038, BE901143, BG027437, BE898049, BF733741, BE731033, BF797663, BE730448, BE904242, BG180030, BF038792, BG036034, BF025707, BE410862, BE618538, BE547475, BE728447, BF568805, BE281217, BE270552, BE791501, BF032884, BF983027, BF679076, BE389168, BE880439, BE409460, BF528780, BE795806, BE275489, BF685111, BE275834, BE880404, BF662872, BF703445, BF027645, BF7306389, BG032276, BG022070, BF686113, AW960462, BF568562, BE262720, BE883448, BE783807, BG249555, BF791670, BF686641, BG030409, BE276910, BE259215, BE326996, BF037141, BE794633, BF797698, BE266608, BE389026, BG034257, BE732487, BE276779, BE790192, BE268263, BE090356, BE729122, BE728799, BF128006, BE372841, BG031367, BE900561, BE288310, BE410738, BF834010, BE388364, BF568658, BE018670, BE514363, BE237574, BE886108, BE387313, BF308798, BE267700, BE389635, BE385517, BE389304, BE296678, BG116916, BE618919, BE909775, BE267922, BG231768, BF573426, AA075347, AW954753, AW249908, BF857555, AW247787, BE387389, BE311424, AW674345, AI924518, BE881839, BF854355, BF854139, AA099137, AU150900, BF658145, AW085546, BF838158, AA810641, AI094712, AI983831, BE208512, BE537365, AW848677, BE543319, BG111959, AA121335, AA776475, AW162889, AA768161, AI985750, AA075600, BF127877, BF858133, AW104662, AI507554, AA823203, AW974204, AA827218, AW072974, AW732057, AA782428, AI818506, AI923790, AW073752, AA262769, BF925345, AI094923, AI683905, AW512935, AI829229, AW305043, BE042722, AI276197, AA806259, AW512367, AI493600, AA569388, AI346741, AW475015, AA946821, BF515131, BE798771, AI432816, AI263880, AW302618, BF063047, AI744754, BE399146, AW439553, AA629031, AA009635, AW007234, BE350557, AW674453, BE336843, AU538381, AI014969, AI274098, AW066999, AI440437, AI799716, AI127260, AT999164, BF303754, AA554181, AA554876, AA253120, AA761082, AW089894, AA554583, AI944421, BF962198, AI749787, AW193957, AA707869, AA903212, AI311788, BF538355, AW246180, AA626042, AA831886, AA280597, AA206821, AI3100392, AW163603, AA95293, AI245900, AW69752, AI749149, AA847378, AA253380, AA281999, AW575857, AI357033, AA653882, AA679720, AI936832, AA253406, AA992132, AI245858, </p>

HVVB181	329	100312	1 - 1033	15 - 1047	
HVVB181	329	100312	1 - 1033	15 - 1047	<p>BE217536, AA737504, AA603759, BF115553, A1619611, AA626225, A197811, A121655, A1290548, AA845852, A1754469, BE621648, A1916320, BG150679, M20472, X04851, M20471, A1158830, X04849, U91848, M15882, M19260, M19261, X81636, S83456, AF061943, M27260, AF130337, E16086, E00984, I04527, A117432, AK025099, AF126247, AF130110, A1133558, A1389957, AF262032, A0801774, X72889, AX017991, A1080074, E124747, AF082526, AK025378, AF162672, X59812, ARO15970, AK025414, A1119894, AF11470, A162001, AF1050172, AF103804, AK030959, AF254119, A1005870, AK027260, AF235993, AF118094, AF161413, M84133, AF119878, AF222801, A1080139, AK025356, X69026, AC006112, S71381, A1110196, AK026885, AF155827, X93328, X06146, AB044560, AF116698, A1050143, AK027114, ARO68753, ARO83283, A1137465, A1133565, AF276991, S66283, Z82022, AF110640, A1238617, AC006313, AK000718, A1130104, X63410, A112104, AF143723, E12580, A1133557, A21625, E02221, AK026887, A1135933, A08907, A21103, A1358332, AF132205, AK025339, A1133081, AF167995, S66212, S63521, Y16045, AK026624, I33391, AF093542, AF247674, AF043493, A1133113, AF002672, AF116631, ARO22283, T40395, T41243, T64540, T90321, T90411, R00565, R06670, R25339, R26533, R33582, R33686, H18970, H19067, H27745, H27798, H45132, H45435, R83238, R84577, H05336, H67162, H69463, H69869, H81467, H90414, H90467, N24604, N26124, N33744, N53776, N73137, N92823, N98429, W25003, AA009909, AA062687, AA070954, AA070955, AA099193, AA100434, AA113872, AA114226, AA121498, AA129568, AA129567, AA136241, AA148896, AA148897, AA193236, AA232687, AA234536, AA236644, AA463722, AA418595, AA418657, AA492418, AA333820, AA573459, AA574409, AA764840, AA769718, AA811497, AA862908, AA911762, AA934849, AA953169, AA1050856, A1080458, C02263, AA219496, AA219497, AA291388, AA291576, AA411500, AA410873, AA421641, AA470065, AA478445, AA634362, AA668474, AA776897, AA853774, AA788900, AA860579, T65963, AD70054, AD73071, A1281938, A1308051, A1342033, A1361173, A1362443, A1424716, A1499991, A1422672, A1569849, A1423030, A131510, A143024, A1651756, A1206072, A1250769, A1590911, A1332622, A1521752, A1682704, A1688438, A1795841, A1866009, A1874132, A1915718, A1917163, A19711079, AW006773, A1989886, A1908898, A19130336, A1914924, A19196263, A19183129, A19272134, and A19338687.</p> <p>BE562883, BE733460, BE731242, BE616471, BF184098, BE614999, BF124993, A19161042, BE732247, A1720002, BE735598, A1963989, A19007333, BE520351, BE614720, BE5090977, BG168999, A1901354, BF105923, BG034355, A19163527, BF439955, BF982101, BF989800, BE885275, A19474669, A19763438, A19945186, A19055293, A1608832, A19577204, A1907359, BE885816, BE350922, A1280097, A1917232, AA040292, BE357503, BE273672, A1907233, A1569806, A19769131, BE281579, A1827062, A1217609, A1176484, BE378887, BF341546, AA780006, A1335990, A141330, A149137, AA847806, A1031744,</p>

HNVBK18	330	100315 5	1 - 1070	15 - 1084	<p> AI143796, AI160701, AA778845, AA843266, AA099004, AF062723, AA614470, BE1076042, AI445096, AI565519, AA468770, AA782115, AI497582, AA552408, AH94523, AA401294, AI375783, AA594315, AA761018, AI082026, AA587002, AI224958, AI858962, AI189578, BF683682, AA699708, BF988334, BF209374, AA568121, AA495906, AA099073, AI159987, BE562957, AA877377, AW945187, AA922449, AA315409, W37385, AA10418, BF439308, AA623840, W81269, W22492, BE075625, AI388333, N55541, AI983955, N36577, W81233, AA495905, H63532, AV71474, R99250, AA844586, AI159832, AI096873, AW579429, AI432999, AH670055, AI262372, N51896, TS4995, AI929281, AI568588, BF351353, BF60989, N78711, D30894, N62719, AA025552, AI155970, AA773222, AA233045, W37491, I160049, AI143368, AI673563, AA857035, F35505, H63597, AI738830, C18334, AI247757, H67322, AI868458, AW405726, AA406300, AI378872, F32766, T37268, AA232955, R99052, AA470421, H68531, AI155680, BG028421, AA128876, R08403, BF351216, AA457131, AI159986, AI557608, W07730, BF331418, N76927, AA464479, AI867132, AW794330, F22032, BE075384, AW607025, R29484, AI869219, AI381765, AA426395, AI572269, AA688221, BG170967, BG112178, T55161, BE828599, AA025653, AA232947, AA642504, T56637, AW372146, AA340140, T29667, N78443, AW749083, AW885264, AI293556, AW85263, H57774, AA716675, AI022863, R29328, AA411375, AW510785, N73182, BE940670, H57774, W02158, H81432, AI200370, AW969655, AW979030, AI309803, AW979046, D26308, D32143, AC010271, L35045, and AA457132. BF305151, BE735037, BE47506, AU142350, AW007738, BF969509, BF237675, BE556135, BE887112, AV762678, AI189162, BF0304178, BF083859, BE904945, BE910235, AI831230, BF796121, AU129499, BG028749, AU129917, BE253409, BE333400, BE786396, BF038236, AU126872, BE791106, AW151710, BF794652, AI025755, BE791012, BF308698, BF573136, AI828932, BE791105, AW131497, BE350874, AI680282, BF345258, BF215074, AI581180, AW778828, BE567149, BF105688, AA706900, AA583905, AI185849, BF184091, AU123046, BG113431, BF382100, AW664218, AA737763, AI338605, AI672800, H97858, AA479594, AA482100, BF242491, BF107188, BF215495, AI262005, BE865968, AU127161, AA445583, AA480133, AA393815, AV662236, AI002710, AA722765, BE356238, AI831666, AA477032, AU151980, AA878562, AI142353, AI689584, AW276192, AI567125, AI015877, AA862947, AI580858, AW993389, AA284572, A862518, N35547, BF928258, AA492405, AA284877, AI152127, AA473182, AA476920, AI833193, N28814, AA243320, AI243915, AI304511, AA293499, AI342052, AI132004, AA293112, AI140958, AA443648, T56244, AI281588, AA453009, AI863847, N53065, AI186249, AI312511, AA761708, AA865831, AI272898, AI131997, N44572, AI206382, AI220411, AA490063, N23342, AA962083, AA150044, BG051973, AI591408, AA534684, AA630630, AI935160, N99371, BF573103, AA477433, AA669307, AA393918, N26856, AA865189, BF941869, BF673621, AA099578, AU149842, AA774040, AV721930, AA912358, W39527, BE247542, AV741784, AI766710, AV755538. </p>
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HOFMS19	331	100322 2	1 - 420	15 - 434	<p>A4929632, BE906747, A47238814, BF244456, BG035566, BE896159, A4523247, A1326987, A49161580, BF034231, BG110736, A1525505, A4594515, BE350096, N74741, H91423, N35197, Z72000, D83745, D64110, A4900432, AF087037, and A49001670.</p>
HSCLM55	332	100322 4	1 - 1080	15 - 1094	<p>BF036860, BE874607, BE613153, BF131283, A47024416, BE218012, A4962566, BG033319, BG178742, BE677139, BF038607, A4992000, BE697884, A421202, A434791, BE857176, BE838592, A4960360, A1099982, BF752463, BG122649, A49572665, BE697883, A1769534, BF432791, A47473625, A1939363, A1378930, A492647, A1769524, A4953114, A1380180, A420283, BE884521, BE697886, A1805717, BE697879, A1077552, N26060, A1678958, BE205797, A49627557, N40424, BE790024, BF110838, A1190662, A1613423, A4976041, A4581509, A4776498, A4268866, A4291641, A1289100, A4208739, BG113949, A47466940, A4278467, BG121150, A4663834, A4341899, BF940423, A4315414, BF752452, BF823045, BE765726, A1671697, A4901637, A1613432, A4989174, BE813958, BE765666, A4235080, BF438697, BG171186, A4739357, A4902718, A1127470, A4603717, R80986, A1083843, A4235209, A4993834, N80536, A1160297, A4421270, A4983774, A187209, A1205566, W39334, A4727106, H59979, A4045407, BF752395, T75129, H09069, W52459, A4503424, A4971006, F10405, BE005409, A4421317, W52458, A4723427, A47189559, A4045301, H09070, A4256210, A4503121, BE826023, A4921301, A1819232, BE831073, BG166337, A4956475, A4303086, H23150, H81373, BE831070, H23151, A4959342, BG166357, W15379, A103129, H57853, H80453, A4587453, F12797, BE831071, A481971, BE091742, A4579841, R80786, A4375083, A4902921, BF752382, R38552, BF542090, BE1350019, T48991, BE831072, BF195283, A4503131, A4256353, F17470, A4924220, BF965307, BE929386, A431521, A1038986, T48990, BE932245, A4381715, A1424511, A1569722, A4835425, A4757066, A4997044, BE143663, A47337583, BE065144, A4558437.</p>

					AW269615, D20475, AW016289, AF795986, AW96815, AW603108, BF334971, BF334967, BE784335, BE897879, AV721229, AW881505, BE699148, W07679, AI050215, AF151801, AC004983, D89937, and AX026138.
HEITU23	333	100370 6	1 - 2214	15 - 2228	AUI25582, BE338909, AV721101, AW960032, AUI49216, AI479301, AA51070, AI765789, AI888129, BF689666, AW300579, AI561067, AI952933, A4699496, BF851750, AW631269, BF223599, AA977132, AW003523, AAZ27895, BF065647, BF06388, BF851745, W088961, BF831053, AA999649, AAZ27595, AA537146, AA005279, BF999437, AI124737, W08953, BE139597, AI866470, BF690562, W392978, BF849227, BF999431, AA524236, AA992176, AI817652, AI933331, AA005195, BF999425, AI381813, BE21278, F36543, AW087421, AIW167326, F30327, BF850865, AA953702, AD42910, AA367411, AI363751, BF834497, BE048256, BE708177, AW379838, Z42044, AI51935, F01568, BQ055860, AI691123, BE772332, AI783542, AI131405, W05190, AV702728, AX040389, AX040390, AK022692, AB033104, AI133630, AX040393, and AF200815.
HNOKB73	334	100448 0	1 - 1202	15 - 1216	BF672055, AI828433, AUI45153, AI909113, AI831421, AW471345, AI909126, AI922310, AW511425, AIW151865, AA861631, AA993238, AI909131, AI688870, AI922300, AI310077, AI620982, AI272867, AW628057, AW057746, AI623341, AW117681, AI267991, AI818511, AA487193, AAZ27864, AW190743, AI914551, AI692825, AW189277, AW304917, AW055334, AI278911, AA661670, AW69389, AI909123, A4894780, BE049422, AI853695, AA911888, AI571659, AI862021, AI621161, AW627585, AI569152, AI624941, AI571426, AI194152, N67602, AA688382, BF857139, AA486838, AAZ91725, AW263429, AI553841, AW020368, AI453306, AW090321, N64130, AI279927, AI249255, AI926018, BF884826, AW390274, AW294466, AW361842, AI696774, AI275762, N45716, AW089415, AI626231, AI811607, BE939116, BF750734, AW608182, AI624961, BE939114, AA367257, AI687265, AI698996, AA297958, BE937479, AI701193, BF744029, BF858828, R82952, AI909128, AW167711, AW198062, N48994, AI866006, BF882878, BE940672, AW816180, BE818295, AI909134, AW194103, AC018634, AP026692, AF117709, AF140346, and AF012891.
HODFB06	335	100458 3	1 - 748	15 - 762	H99646.
HODIA76	336	100461 9	1 - 447	15 - 461	AW977567, AA907333, AA814897, AA836609, AC005567, AC002565, AC005480, AI1356299, AC005520, AP000066, AC073593, AC005736, AC002394, AF196969, and AI121890.
HODIY60	337	100462 5	1 - 2212	15 - 2226	AI515853, AIU133237, AI654122, AUI26018, BF058308, AV725133, AW183152, BE5671606, BG253097, AI948488, AI930097, AI927594, AW969418, AW275334, AI076608, BF940262, BE553180, AI417857, AI952810, BF959274, AI417041, AI420844, AI379187, AA723759, AA913702, AW394103, AW949335, AA393920, BF979295, AI039193, AI1313185, AIU129447, BE253357, AI017439, AA313310, AI590307, BE890745, AI346472, AA962778, AI276140, AI985266, AI336030, N98729, W96013, AI299081, AI092621, AA233883, AA232829,

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HODFB03	339	100463	1 - 775	15 - 789	<p>BG034836, T75233, BF572603, AI557036, BE697488, AL513776, AI216670, BF747008, T10253, BF745947, RG1073, BE843957, BF746454, BE769157, BE766105, BE714429, BF744295, BF765690, BE766038, BE766167, BE714404, F12922, BF745931, AA434502, AA65014, T05292, X74331, A011607, D17385, D13545, and AI219598.</p>
HPMLN08	340	100463 2	1 - 1380	15 - 1394	<p>BE709782, BE832694, BE709778, BE707630, AA430593, H802717, H80291, AI625995, BF83125, AI193566, AU158293, BE747189, BG260723, A4243826, BE491960, AW063724, BE222441, BE502344, AA164268, BF196258, BG170263, BE933825, AA508073, AW294783, AU155794, AI819266, BE169617, AH68739, AI082255, AI417116, AA385339, AI382168, AI701563, AU031661, AH436306, AW576939, AV715887, AI709346, AW195764, AW044458,</p>

HODEH08	341	100463 3	1 - 364	15 - 378	BF002627, AI802164, AW340159, AA479123, AI224847, AK023738, AK023448, and AF113697. W44489, BF344927, BE385927, BF683537, W406647, BF214121, BF671254, W2488978, BF675993, BF791283, A083656, BE783427, AA340719, BF038972, BF907681, AI523352, AV697332, BE791818, D31255, AU127444, AA370162, AA488592, BF027044, AL523351, BE51340, BE270073, BF446423, BE397826, NZ7234, A1582770, BF095260, AA310725, AI817900, AW799742, I29999, AA331358, BF675835, A1580242, AA338813, W79410, R07253, BE210442, W248314, N33990, N25001, W56853, N33751, AA360045, AA371439, N28848, AA344067, BE813738, BF680023, N27913, AK001410, AI136131, AF114816, AF114817, Z59378, Z64078, Z64079, and Z54696. AW960487, AW170566, AA463471, AI590283, AI479619, AI356285, BE671701, AA443030, AI279424, AI475890, BF948785, AW105033, BE646579, AW469714, AA282026, AI870381, AI692574, AI357242, AW135396, AI306543, BF929181, BE856482, H24386, AA055932, AI125211, R60550, AI934615, AI979010, AA902204, AA557305, AI860938, AI566567, AI420407, D31141, H24399, AW136075, AA913241, AA055381, AI251746, AI249885, AA722942, AA328301, AW204848, AA748866, AA324275, AI698815, AA524094, AA729225, AW206983, AI041606, AA902634, BF091853, BF068880, AW137312, AI041448, AA865160, AI009770, and AF069736. AV761453, BE328286, AV658560, AA468371, H52948, AA297662, AA419107, AA418014, BE545345, AA904211, AA313075, BF927768, AI268019, AA194838, BG057757, AI34962, AA644571, T74524, BG169404, AA468505, AI801563, AV754716, AI887233, AV720672, AI096791, AC008745, AI022238, AC009477, AC003982, AC008989, AC002477, AC006064, AP000511, AP000167, AC008623, AC020908, AF165926, AI138307, AI157877, AC006026, AI121890, AI109627, AI109963, AC020552, AF254983, AI354720, AI031662, AC005822, AC011497, Z97985, AI049834, AI136170, AC006599, AI157838, AC005102, AC008753, AI159997, AC002350, AC005829, AI136000, AC04166, AI163201, AP001719, AC004685, AF168787, AC003128, AI031282, AC008764, AI022163, AI133448, AI022316, AI135744, AC010328, AC022150, AC006088, AI160231, AI078461, AC008569, AC006538, AC008372, AI049643, AF111167, AI138752, AC006312, AC005914, AI162430, AI109825, AP001660, AP001711, AC005529, AI136418, AC004821, AC010636, AC002511, AC019227, AI109806, AC011442, AF196779, AC004125, AI031121, AI050335, AP001727, AC020754, AI050307, AC009314, AI137783, AI121748, AC018720, AC004840, AI163249, AC006329, AC005052, AC011895, AC005412, AI008718, AI009051, AC006601, AC005089, AC009470, AC011477, AC005726, AC008784, AI034391, AI133246, AC004033, AC021999, AI109804, AC022407, AC004983, AP000512, AI031291, AC006101, AI022476, AB023048, AI117258, AC007193, AC007383, AI157776, AC010363, AC008521, AC007021, AF190464, AI138832, AC016543, AP001748, L44140, AI139100, AC004890, AI355094, AC004895, AC002302, AI117694,
HEGBF25	342	100463 5	1 - 1333	15 - 1347	AW960487, AW170566, AA463471, AI590283, AI479619, AI356285, BE671701, AA443030, AI279424, AI475890, BF948785, AW105033, BE646579, AW469714, AA282026, AI870381, AI692574, AI357242, AW135396, AI306543, BF929181, BE856482, H24386, AA055932, AI125211, R60550, AI934615, AI979010, AA902204, AA557305, AI860938, AI566567, AI420407, D31141, H24399, AW136075, AA913241, AA055381, AI251746, AI249885, AA722942, AA328301, AW204848, AA748866, AA324275, AI698815, AA524094, AA729225, AW206983, AI041606, AA902634, BF091853, BF068880, AW137312, AI041448, AA865160, AI009770, and AF069736. AV761453, BE328286, AV658560, AA468371, H52948, AA297662, AA419107, AA418014, BE545345, AA904211, AA313075, BF927768, AI268019, AA194838, BG057757, AI34962, AA644571, T74524, BG169404, AA468505, AI801563, AV754716, AI887233, AV720672, AI096791, AC008745, AI022238, AC009477, AC003982, AC008989, AC002477, AC006064, AP000511, AP000167, AC008623, AC020908, AF165926, AI138307, AI157877, AC006026, AI121890, AI109627, AI109963, AC020552, AF254983, AI354720, AI031662, AC005822, AC011497, Z97985, AI049834, AI136170, AC006599, AI157838, AC005102, AC008753, AI159997, AC002350, AC005829, AI136000, AC04166, AI163201, AP001719, AC004685, AF168787, AC003128, AI031282, AC008764, AI022163, AI133448, AI022316, AI135744, AC010328, AC022150, AC006088, AI160231, AI078461, AC008569, AC006538, AC008372, AI049643, AF111167, AI138752, AC006312, AC005914, AI162430, AI109825, AP001660, AP001711, AC005529, AI136418, AC004821, AC010636, AC002511, AC019227, AI109806, AC011442, AF196779, AC004125, AI031121, AI050335, AP001727, AC020754, AI050307, AC009314, AI137783, AI121748, AC018720, AC004840, AI163249, AC006329, AC005052, AC011895, AC005412, AI008718, AI009051, AC006601, AC005089, AC009470, AC011477, AC005726, AC008784, AI034391, AI133246, AC004033, AC021999, AI109804, AC022407, AC004983, AP000512, AI031291, AC006101, AI022476, AB023048, AI117258, AC007193, AC007383, AI157776, AC010363, AC008521, AC007021, AF190464, AI138832, AC016543, AP001748, L44140, AI139100, AC004890, AI355094, AC004895, AC002302, AI117694,
HODJB51	343	100464 3	1 - 441	15 - 455	AW960487, AW170566, AA463471, AI590283, AI479619, AI356285, BE671701, AA443030, AI279424, AI475890, BF948785, AW105033, BE646579, AW469714, AA282026, AI870381, AI692574, AI357242, AW135396, AI306543, BF929181, BE856482, H24386, AA055932, AI125211, R60550, AI934615, AI979010, AA902204, AA557305, AI860938, AI566567, AI420407, D31141, H24399, AW136075, AA913241, AA055381, AI251746, AI249885, AA722942, AA328301, AW204848, AA748866, AA324275, AI698815, AA524094, AA729225, AW206983, AI041606, AA902634, BF091853, BF068880, AW137312, AI041448, AA865160, AI009770, and AF069736. AV761453, BE328286, AV658560, AA468371, H52948, AA297662, AA419107, AA418014, BE545345, AA904211, AA313075, BF927768, AI268019, AA194838, BG057757, AI34962, AA644571, T74524, BG169404, AA468505, AI801563, AV754716, AI887233, AV720672, AI096791, AC008745, AI022238, AC009477, AC003982, AC008989, AC002477, AC006064, AP000511, AP000167, AC008623, AC020908, AF165926, AI138307, AI157877, AC006026, AI121890, AI109627, AI109963, AC020552, AF254983, AI354720, AI031662, AC005822, AC011497, Z97985, AI049834, AI136170, AC006599, AI157838, AC005102, AC008753, AI159997, AC002350, AC005829, AI136000, AC04166, AI163201, AP001719, AC004685, AF168787, AC003128, AI031282, AC008764, AI022163, AI133448, AI022316, AI135744, AC010328, AC022150, AC006088, AI160231, AI078461, AC008569, AC006538, AC008372, AI049643, AF111167, AI138752, AC006312, AC005914, AI162430, AI109825, AP001660, AP001711, AC005529, AI136418, AC004821, AC010636, AC002511, AC019227, AI109806, AC011442, AF196779, AC004125, AI031121, AI050335, AP001727, AC020754, AI050307, AC009314, AI137783, AI121748, AC018720, AC004840, AI163249, AC006329, AC005052, AC011895, AC005412, AI008718, AI009051, AC006601, AC005089, AC009470, AC011477, AC005726, AC008784, AI034391, AI133246, AC004033, AC021999, AI109804, AC022407, AC004983, AP000512, AI031291, AC006101, AI022476, AB023048, AI117258, AC007193, AC007383, AI157776, AC010363, AC008521, AC007021, AF190464, AI138832, AC016543, AP001748, L44140, AI139100, AC004890, AI355094, AC004895, AC002302, AI117694,

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HODIQ24	345	100466 0	1 - 3410	15 - 3424	AU132377, AU132354, AU137607, AU120802, AV725435, AV725504, AV727393, AU907846, BF431871, A1971541, AW956882, BE542598, BF977694, BF218040, BF194954, BF572088, AU152685, BE468132, AW274295, BF265712, AV728832, AD290910, BF696191, AL458284, AA918601, BF132210, A1299489, A1306415, AA947581, AA042992, W35163, AA779534, AW470321, AW028873, A1625411, AA255546, AA451702, N40098, AA115015, BF431827, A1248585, N24288, BF087866, AW138804, H84453, AA885588, A1637730, AW970127, N32948, BE464747, A1631137, A1638290, A1637904, AW470388, RS2158, R85459, AV704648, AW295739, BE719830, AA514606, BE714126, BE813424, T71262, AA708740, AU156698, H50037, A1085037, AA256661, A1587226, BF821343, A16169353, R23147, AA115014, AU151591, A1701772, AA493555, H98720, BF845314, D81437, AA946917, A168776, D80972, AA368643, N27158, AW803841, A1922080, AA931683, AA977047, W20387, A1730610, AA247897, BE827896, AA962286, A1217571, A1702845, AA975966, AW002803, H49993, A1002410, BE964392, AA042824, AA902321, H84454, A1918223, BE813423, AB037840, AK001495, A1034574, AK001892, AX009324, AX009323, AX009319, AX009322, AX009321, AX009326, AX009318, AX009317, AX009325, AX009320, AX009316, A191748, A1656001, and A1656713.
HVVDD56	346	100488 7	1 - 2637	15 - 2651	BG120635, AA643174, A1621233, A W978320, A1309847, BE813594, BF594198, BF208601, AW080955, BG249103, BG249038, A1547377, A1912367, A1969341, BE813560, AA083478, BF093613, A1249906, AA720586, AA808246, A1375180, BF131476, AA702882, A1356456, A1082207, AW951861, A W026304, A1378093, BF922917, A1275444, AA554350, A1074286,

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ETHD/V01	347	100495	1 - 2166	15 - 2180	BF343723, AI971257, AI922196, AI810067, AA932024, AW195330, AI207838, AV722680, AI346751, AV758001, AW608004, AV713548, AW073373, AW009706, AI590359, AV711241, AV714666, AV687702, AI891081, AI672451, AV649298, AV722097, AI381534, AV652022, BE220350, BE048347, AI573282, AW874080, AW024264, BF337994, AV784253, AI870222, AV760953, AI685727, AI627992, AV360985, AW607239, AI784604, AI950829, AV652082, AI923643, AI962991, AV722223, BF853049, BE046054, BF691186, AV717072, AV720361, AI885957, AI017462, AW664593, BF526890, AI925003, AA843677, AV693121, AI634947, AV770406, AI697419, AV747579, AW316704, AI248184, AA242759, AV713149, AI801820, AI982678, AI972075, AW662094, AW513222, BF854957, BE840522, AV701954, AV697674, AV276098, AA401957, AH60284, AA932526, AI570388, AI453821, AA662536, AI800205, BF853617, AV922678, AV759769, AI005625, AW510478, AA576407, AV747778, BF853756, AI469437, AI201318, AI799500, AA878863, AI889320, AI947992, AI624670, BE840523, BF834934, AI985773, AA746083, AW022137, AA583463, AA514238, AA570674, BF854908, AI610837, AI623966, BF901154, AA566089, AA507952, AA428304, AW805573, AW794742, AA429721, AW768483, AW518282, AI272071, AW845414, AW873164, BF063059, AI337788, AW024169, AA485546, AI373585, AA745909, AW960245, BF853826, BF854206, AA996237, AA837997, AI268596, AI074096, AA496403, BF678821, BF854956, AW794752, AI557549, N67917, AI639705, AA284642, AA887178, AA280404, BG222536, AA985597, AA496353, BF914755, AI268601, AV758482, BF055969, AI954543, AI278945, AV717009, AI356974, AA503878, AW996924, BF477592, BF724668, AW243755, AA620979, AV755843, AV757256, AW022260, AW022208, BF854906, AW877772, AV656426, AW020000, AV654223, AW372625, AI348684, AV742513, AV756665, AA617991, BE940601, AI630329, AI577593, BF828311, BF913462, H30122, AA777812, AA844383, BF914742, AI244382, AA290764, BE041558, BF829019, BF829005, N66497, AA864382, AA757380, BE813852, N23706, BF880804, AI857753, AI479529, D57403, D57829, N68137, AA631437, AA351062, AV734554, BE697034, BF378599, AA937471, N36044, D57395, BF093861, AI557550, AA975329, AA249247, AI134796, H63166, AV638281, AV656501, AW118330, H27631, R79476, D38166, W95944, AW805669, AW021936, AV744824, AV733262, AV725042, BE176841, BE814031, AV654387, BF828021, AW021706, BF476645, AA618186, D58096, AV749166, D57778, BE929600, BE938157, BF357923, N23730, T27640, D57449, BE174681, AI245094, AW579397, D57757, AA040944, D57518, AI678887, D57468, T27639, AW939698, D58277, AX014320, K00650, I96207, AF111167, X06769, V00727, J00370, AF033012, AI132510, AF061881, M37000, M18043, AB022276, AB020214, AP069515, Y14808, Y15747, AB022275, AF029166, AX010026, S60557, D12251, I24450, AR040781, S65140, T61093, I01092, R10215, T97774, T97881, R13148, R31511, R32943, R33906, R33921, R37053, R44148, R49880, R44148, R74449, R79209, R84834, R85530, R95977, H71003, H71015, H83387, H83388, N56936, N52416, N62388, N72823, N73801,
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HODIY29	349	100523 6	1 - 2101	15 - 2115	BE744159, BE735588, BE562290, BE543899, AV703356, AV0951513, AI869315, BE397694, BF344590, BE222785, AA147088, AW888880, AI421359, BE040028, AA131473, BE940977, BF593805, AI860630, AA307132, BE695313, BF195538, AI859194, AA554706, BF848110, AA1779596, BE671642, BE671636, BE772850, AI817963, AW131732, AI131006, AI131235, AI298506, AW360926, AA132115, M79142, AI W085550, BF827911, R32144, AA996236, AA827499, AW961823, BF847182, AI864171, AI810869, AW083177, AI279054, R21586, AI683076, R32143, R40059, AI682910, AV059257, BF340401, N48917, BE764109, W07596, -H03637, T32822, AA902240, AB951120, AI302680, AA031941, AA555053, BE502039, AA557656, AI795815, AI874400, AW806659, AW020184, AA318860, AI909782, AA527450, AV654338, BE242543, AI935791, AI702044, AI913289, BF432516, BF848050, AA132349, R49185, R33114, AI948650, F03268, N64415, AI419183, T29712, AA147145, N20886, HI19201, AI539258, BF739937, AA904255, AI356503, BE140381, AA348337, AW806516, R62224, H03636, BE220594, AI636387, AW515881, R33262, AW166586, R64601, BE328664, AV016275, AA581451, N78707, AI915762, BG117733, AI540261, AV997810, AW889502, AA319725, AA985516, AW169409, AA319821, BF340433, AL118620, AA348452, PG08342, AD620952, BE719358, AW883253, BE719354, BE885116, BE735840, AC000395, AB037729, AC000243, AI024575, AF295773, L07924, L07925, AF295780, and U14417.

HOELP29	350	100535 9	1 - 1308	15 - 1322	<p> AL530557, BE791049, BE618996, BG257624, BE731913, BE886771, BG114069, BG116664, BE856856, BE797021, AT741539, AA877855, AI000932, N23038, BF432001, BE898057, AI694373, AI808071, AA262486, AA903806, AI138931, BG255357, AA468735, AA407069, AI138466, AA954737, AI15371, N29514, AI189798, W49771, AA814845, AI183296, AI357130, W70171, AA280787, W69944, AI186447, W69834, AI499111, BE908525, AI086208, AI129984, BG025691, W69906, H87149, AH69927, AW971625, BG202733, BF325889, BE141551, AI527393, N57458, BE696978, BE696980, AA035645, BE891620, T48534, AI188861, AI160592, AV516114, BE327105, W50843, BF745219, AI619390, BE763528, T78335, AB030700, and A4280793. </p>
HWLRF04	351	100538 4	1 - 1040	15 - 1054	<p> BF309040, BE727908, AW080447, AI813764, AW156901, AI624222, AB954032, BE797602, AW472780, AI861975, AV711593, AW511541, BG117850, BE892765, BE301686, BF941321, BE727148, BE877682, AA669760, AI136925, AA604124, AI186207, AB951492, AI016700, AI125916, AA081009, AL673719, AI160400, BF211379, AI173953, BG033959, AI014624, BG164551, AA666305, BE873924, AI100874, AV304292, AW471151, AV513002, AI580161, AI078833, AV0688925, AI811621, AA666338, AA534849, BE786612, AA662226, AI42440, BF732965, AI150305, AI139223, AI130980, AI155685, AA707346, AA724885, AW474759, AI157841, AI120428, AV711263, AI141060, AI244874, BG6401, D53110, BE834286, TS7109, AI288812, BG104684, AA099214, AI156023, AI37130, AI167469, AW263441, AI173643, AI157341, AI187544, AI357914, BF084240, AA938617, AA632832, AA157933, AV714164, T33607, BE834321, AA807994, AI381658, BF086680, AA634268, AA315460, AA24251, BF086663, AA557374, T90497, AA639802, BG117431, BG118933, AA826543, AA551431, AA282337, BF726089, T69431, BF981803, W28397, AA948655, AI128023, BE727393, AA256923, AI130975, AA565098, BE728536, BG029544, BF9626, BF882766, AA872943, T36145, AV748147, AA632190, AV704174, AA350174, AA130436, AI686635, AI130437, AA076099, BF086306, AA729737, AW392904, T92925, W04825, BG253169, AW802882, AA009665, AA356814, AI263840, BF211293, AA070450, BG166290, AA810386, AW392890, AA235380, AI954229, AA041269, AI520247, AA481985, BF215385, AI174430, AA928912, AA731542, AI208724, AA777668, T90593, AA887638, AI59330, AI801006, AW975764, W46171, R86972, W44443, BE928509, C02751, T25894, AI581770, BE168358, AA084634, AA589062, AV392839, AA771848, BE764142, AA894945, BE182212, BE543242, I10776, AW392836, AA394224, AA878485, BG168089, BE163936, AI582590, AI197336, BG180181, AI833003, F35679, AV768788, AW190598, AA398137, AA481889, BF726929, AI826585, R27779, AI557490, BF061257, AV702131, AI766834, AI033007, BF738475, AI811690, AA627813, BF086524, AI241386, AI248407, AW820874, T93041, AW392848, W46535, AIJ20330, AI096806, BE876198, BE890386, BF913319, AI179116, AI833030, AV751052, F23284, D25873, BF082805, AW852076, AA301281, AW959407, AX014875, AX017985, AF090891, U33821, AF268075, AK000098, and AC004549. </p>

HYAAC49	352	100551 1	1 - 769	15 - 783	<p>AUI39442, BE569198, AUI35922, C75131, AV118280, AW390194, BE866387, BF240773, BF571465, BF183939, R24772, R14521, BF184986, AUI27909, BE380148, R35572, AA385863, BF795902, BG115301, BE560295, BF805901, BF803706, W86403, BE890587, A3232376, AUI28221, BE885883, BF218257, AA447000, BE171121, BF240001, BF666929, BE886808, AA496772, BF830589, BF102486, BE548882, BF211322, BE154333, BF434758, A1983937, U87166, AF001028, AF260262, AF006516, AF176784, U17698, A1277071, A1277068, A1277067, and A1277069.</p>
					<p>BG032088, AW674754, BF793744, BE301427, AW001177, BF796457, BE222626, AA676823, AW245046, A1742447, A1086381, BE382943, A1038253, AA631108, A1232174, AV740792, N36161, A1354418, AUI38337, A1435564, AA622991, A1432169, A1288565, AA412597, A1298942, A1628257, A4769383, BF731107, BF0025815, A4262361, A1333049, A138279, AA489757, A426358, A1185088, AW071200, AA678350, AW974396, H81770, AA383464, A1325218, BF663601, A1826476, A1570948, AA758452, A1659519, AW975005, AA953294, A131414, N94604, A1086406, A1838778, BG222816, AW474212, A1351407, A1328179, A1201546, AA426521, A4649981, AA700598, AA489649, A1085660, T99013, BE728179, BE770165, BE387301, AA827478, BE770154, A1382758, H29471, AW629408, AA852445, AA559102, H99900, F18425, BE018615, AA377901, AA714184, BE792052, BF932098, A1797213, BF898501, BE302202, R07144, AA359193, A1797445, AA639044, BE206518, AA337798, AA648070, BF765959, BF768917, AA094140, N57963, AW361814, A17444851, BG222117, A1745563, BE727188, BE770556, BE407088, BF305624, BE513977, BF129902, BF845366, A1795892, A1795892, U46389, AA357516, AA373724, A1401076, AA357714, Z96932, A116691, 189947, and AA232683.</p>
HCOA71	353	100584 3	1 - 680	15 - 694	<p>A1823882, A1696873, A1738563, AW103989, AW613147, A1268306, BE793730, AW770856, BF061575, AW051548, BF739812, BF938201, BE273154, AA858218, A1090497, A1075184, AA815445, A1381954, A1284912, A235083, A571911, A1218189, AA885429, A4626489, A4922962, A4424383, AW078477, A1326453, A1743823, A1221668, A1697077, T34988, AA769343, BE348685, AW769161, A1952634, A4452891, AA976512, AA687740, Z40231, AA235212, BE246574, AW572211, BF797899, A1014979, AW603755, TE2196, A1766582, A1915196, AW078592, R43900, A1869134, A1524517, A1635964, T35732, N24554, A1866546, BE074731, R43261, T32374, BE265660, AA206547, F01511, AW079587, T82197, BF530913, A4235496, AW450279, A4625573, BF337280, AW979330, N33999, A1312812, BE732026, AA693982, BF927110, AA400118, BF892007, BE874163, BF814420, A1262593, A1721271, BF892003, A1003314, BF904265, BE965707, A174819, A1444935, A1712612, BG257545, BF934149, AA648447, A0907238, AF072441, Z92546, AP000353, A1390166, AC000961, AF061947, AF308801, Y09972, AF130110, AL049430, AL050389, AF056194, A46765, AF090900, Y12226, AB029066, A1133028, A1133015, AK000502, AK026104, AF151076, XG3530, AF114168, AK027114, AK026600, AF175903, AF177340, AK000285, AF124435,</p>
HOUFB45	354	100597 4	1 - 866	15 - 880	<p>A1823882, A1696873, A1738563, AW103989, AW613147, A1268306, BE793730, AW770856, BF061575, AW051548, BF739812, BF938201, BE273154, AA858218, A1090497, A1075184, AA815445, A1381954, A1284912, A235083, A571911, A1218189, AA885429, A4626489, A4922962, A4424383, AW078477, A1326453, A1743823, A1221668, A1697077, T34988, AA769343, BE348685, AW769161, A1952634, A4452891, AA976512, AA687740, Z40231, AA235212, BE246574, AW572211, BF797899, A1014979, AW603755, TE2196, A1766582, A1915196, AW078592, R43900, A1869134, A1524517, A1635964, T35732, N24554, A1866546, BE074731, R43261, T32374, BE265660, AA206547, F01511, AW079587, T82197, BF530913, A4235496, AW450279, A4625573, BF337280, AW979330, N33999, A1312812, BE732026, AA693982, BF927110, AA400118, BF892007, BE874163, BF814420, A1262593, A1721271, BF892003, A1003314, BF904265, BE965707, A174819, A1444935, A1712612, BG257545, BF934149, AA648447, A0907238, AF072441, Z92546, AP000353, A1390166, AC000961, AF061947, AF308801, Y09972, AF130110, AL049430, AL050389, AF056194, A46765, AF090900, Y12226, AB029066, A1133028, A1133015, AK000502, AK026104, AF151076, XG3530, AF114168, AK027114, AK026600, AF175903, AF177340, AK000285, AF124435,</p>

HUSJ114	355	100601 8	I - 2396	15 - 2410	AB052191, AF202636, Z48796, AK027200, AX015416, AK027137, and S69407. AU125044, AU125106, AU124136, AU132115, AU142302, AU123305, AU128772, BC259270, BG104503, AU127066, BE877587, BF102972, AW961540, A1819062, A1370042, A4218870, AW268435, AU159649, A1914414, BE571164, AW965326, AW021609, AW859986, AW960640, BF667479, AW859994, BF571923, A2309998, AU1312875, A1805453, N42226, AA453340, AU143590, A061984, AW965469, AU133448, AA534880, AA805995, A4778879, AA315171, AA478622, BG250380, H10486, BF910659, AW083409, A1279728, AA022968, A1859003, AW820411, A1971338, W27642, BE940037, R35417, BE940013, AA810040, BE940009, A9091119, R71284, H30337, A743639, T17061, AW820415, BF913401, BE698731, H97022, BF243145, BF002853, AW604825, R13747, BE174730, AA332953, AA609011, A086130, T87426, AA330024, A092372, A1239430, AA461371, C01331, A1224598, N41982, AW752484, AW051138, R14406, AW452485, A1439708, BE694190, T99701, R08328, AA091602, R38882, R16157, AW500586, A182652, BE934080, AA252088, A1061448, W27426, BF088818, R08381, BF088814, R08382, AW820413, BF589424, BF229364, BF913396, A1620838, BF088832, R19923, T99096, BF229365, AU154390, AA327941, AA190558, T77110, BF356534, AA738469, BE856271, A1697789, AA588155, AU151002, AU148839, A086357, N30259, A1624125, A1859524, AA464855, AA946796, AW470143, AU153770, AW568233, R44163, A183953, A1092159, A1803728, A418332, BE173781, A1038144, A1602285, AK022572, AK001676, AK017594, and AF052123.
					BE464861, A1652330, H91834, BE703983, H91879, AA759248, AA769818, AW593481, AA902687, BE972738, AW235775, A1379370, AA974129, AF100774, X57477, X57689, X57476, X57688, and U79668.
HSDEY08	357	100614 2	I - 1956	15 - 1970	A1537989, AU533695, BG170919, BF972004, BF345100, AW026975, A1937448, A1532622, A1806907, BE378539, BP967058, BG115124, A1869308, A1150559, AW007470, AW149368, A1360337, A479472, A141234, A1199048, A1199509, A1300927, BF341774, BF688178, AW511458, BE296772, A1652153, BE270387, A1377853, A1609567, AF147181, BE295186, BE270395, A1500244, AW965710, A1878920, 106902, AA354921, A1027477, AF147183, BE295192, AW050894, R72213, BE835899, BF886588, A1703318, P05831, AA077697, AA077739, AA077344, AA076971, AA506828, A1885532, AA357567, AW885629, BE811342, BE773565, AW002991, H30179, AA077004, BE269971, AA077615, BE701815, R73305, AA077477, BP953004, BE811355, BF509539, AF147184, BG140726, BE773538, BE833501, AF147190, BF247437, BP090978, H45089, AA349590, AA077534, AA040202, AA405835, AA402203, AC021097, AC005486, and D66619.
					AL044704, BE271772, BE796439, BE746386, AL044621, A051986, BE857140, AA121525, AV702820, BG121331, BE746300, BG176577, BE747570, BG035456, BE857140, AA121525, AL044622, BE15418, BE796863, AA046983, A1038252, AL040929, BF431928, BF819832,
HMCD821	356	100605 5	1 - 556	15 - 570	
HSDEY08	357	100614 2	I - 1956	15 - 1970	
HOOT92	358	100621 5	1 - 2631	15 - 2645	

AL042112, AV746042, AF622287, AW376260, BG054735, AA046926, AI566318, AA306434, AW955638, AL044703, BE792298, AI906041, AV727640, BE890153, AI127723, AF407576, AW664861, AI313470, AA527000, AI207775, AI040418, AA857490, AI366695, N74245, AI245975, AA142928, AI052762, AI920838, N77404, AA825329, AA252773, AI087425, AI279057, AW375833, AI200495, H99001, W01085, AI046282, AI497903, AW381887, AI181573, AI207273, AA653703, AI177632, AI304878, BG003479, W39665, AA429789, AI289844, AV712180, AI918141, AI200594, AA452265, AI141626, AA644434, AA367771, AI032782, AA808530, AA814061, N36805, AV654396, AV745507, N35594, AA676910, AI221535, AV652231, AV652542, AI218061, AV654444, H97693, AV754555, AA732328, AA837559, AA985569, N27693, AA810912, N46022, W56530, AA160218, AI123106, AA501931, H13302, AI922239, R97354, H56263, BF809825, N52443, AW371837, H10004, Z44327, AV711658, R84311, BE297173, AA057067, AI184782, AA160217, AA452019, AV691968, BF827271, P07113, R91121, AI391734, AA9505407, N30664, BF808619, T30620, AI922854, W15458, T35108, R81971, Z40206, AW576345, T34877, H04944, AI225731, AW062347, AA257122, AW177630, AA365300, AA716275, R81970, CI7340, T33595, AA300903, T79201, R92157, AA029312, AI051495, H65726, D78944, AI364999, P03460, AI963749, W02474, AI683695, BF197190, AA299766, AA992820, AI683346, T34458, H56067, T99255, BF360729, A9728958, T79288, H65727, AI445601, BE547173, AI089366, T99213, H10005, AA056922, BE090881, AA262378, BF828251, N3438, AA854711, R87674, AA027183, A W084848, CI5505, D81561, BE825603, T81836, AW769631, T35275, BF994799, R68977, R97317, AI685486, AW026938, H13449, AW604084, AI537015, AW873677, AW69170, T81309, AA262245, BF339805, AI804838, AI868136, AI520943, BF092526, AW769695, AI539776, AI049780, AI117502, L40402, AC007055, AF113694, AI096762, AI035458, AI158830, AC010201, AI162615, AI356010, AI021997, H86992, AP001710, AC008403, AC0073884, AI078581, AC004983, D88270, AC005052, AC005632, AC005512, AC007327, AC007021, AC011716, U63313, U62317, Z95703, AC005920, AC006138, AP001717, AI078477, AI049829, AP000553, AC018751, AC011479, AC005659, AP001116, AC007637, AI133451, AI080315, AI139331, AC009248, AC005778, AI096791, AI031427, AC009307, AF254983, AC005800, AC004067, Z98257, AP001720, AI035704, U91318, AI133519, AC007686, AC005058, AC008687, AI135744, Z95113, AI121881, AC005082, AI023879, AI390028, AP000036, AC009756, AC007597, AF275948, AC005209, AC003042, AI021546, AI163201, AI055086, AI021397, AC002430, AC004148, AC007882, AC005695, AC002037, AI034417, AP000048, AC004846, AC003109, AC003516, AC010473, AC009424, AI162505, AC007384, AC010102, AF227510, AI161892, AI356747, AC022452, AC003006, AI333574, AC007388, AI022153, AC004247, AC002316, AI049776, Z93015, AI117378, AP000356, AP000354, AC010977, AC008379, AC005255, AI138680, AP001429,				
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HNORE03	359	100625 0	1 - 848	15 - 862	AC002312, AC004815, AC007792, AP000150, AC006088, AC005520, AC005874, AC010451, AF134471, AI160176, U91319, AI022393, AI139099, AI118520, AI133454, Z85987, AC020906, AC011484, AI133288, AC049553, AC004414, AC008482, AI135463, AC000193, AB020861, AC006480, AC018642, AC003982, AC007324, AL353680, AC004971, AI391595, AC004166, AC002565, AC008753, AC010412, AL050335, AC008101, AC019227, AL078583, AI133387, AI354993, AC006013, AJ277546, AC008664, AF130343, AC015971, AC018897, Z83838, AC005921, AI121914, AI035079, AC002563, AC005280, AI031681, and AI068548.
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HPCT521	360	100631 7	1 - 2644	15 - 2658	<p> AF1696398, AA908294, AV652443, BF525883, BG029667, AI890214, AL036980, AI559619, AW128841, AF099865, AI110306, AB037774, AK000927, AL137529, AK024538, Z97214, AL042823, I89947, I48978, AL1389939, AB052191, AF118094, A08909, AK026927, AK024588, A08916, AK025708, AK020124, AK025092, AJ005690, AR038854, AF119894, AK026480, AL137271, AK026506, AB046642, I09499, A08913, AL137478, AF117401, AF116631, A77033, A77035, AF087943, AF026124, AF130110, E02221, AF119857, AL1389935, AI050024, AK026535, I48979, AK000083, AF125948, AL122093, AI137521, AL133560, AL162083, AF118090, AL133081, AK026959, AF130077, AL137533, AF113690, AF1126247, AB050410, AL023657, E06743, AL050172, AK026744, A08908, AB048975, S78214, AL050149, AB052200, AF130082, AL133568, AK025465, A08912, AL1389982, I89931, AL049314, AL359596, AK025209, AK027200, AF116646, AL050116, AL096744, AK00323, AF116682, AF079765, AF026816, AF057300, AF057299, AL137476, Y16645, AK087170, AJ000937, AL049430, AL133016, AL080148, AF162270, AF119878, AF119865, AK000137, AB048954, AF1330105, AL117460, AK026462, L19437, AF116610, AB041801, AF113699, AL137459, AF183393, AF099903, AL050108, AL353956, AK027116, AF139986, AL137480, AF061573, AL122110, X82434, I33392, AK026642, AK026542, AL353940, U88966, AF014091, A18788, AK027114, AF119875, Y11254, AB047887, AF116609, AK025084, AK026741, AK026784, AK026630, AF242189, AL117457, AL050155, AL133010, U42766, AL110222, AK000614, AR013797, AK026086, AB048953, Y11587, AL133640, AK026626, AL117416, AB048974, AF111849, AL359618, E07108, Y09972, AK025524, AF090896, AL133565, AL162002, AK026855, AF113019, AF1100931, I03321, AL110196, AL135983, AX045627, AF079763, AX040974, AL137538, Y14314, AL080074, AK024594, AK026593, AJ006417, AL050277, AF078844, AK027096, AK000418, AF119899, AF067728, AX042059, AL390154, AF132676, AL137550, AB047941, AF061836, AF111851, U58996, AB047904, AK026762, AK027213, AK026592, AF260566, AF090901, Y07905, AL133031, AL133606, AL137292, AK026534, AL137429, AL359622, AF133055, AK025967, AK025414, AK027204, AK025435, AL359601, AF183576, AF106657, U35846, AJ012755, AX026824, AK026823, A58524, A58523, AL049466, A18777, A65341, AL133080, AF153205, AK023312, AJ003118, AL442082, AX027129, AL050138, AF230496, AF130104, AF113694, AF116688, AF130066, AF113677, AB048964, D16301, Z82022, AL442083, AK025632, AL133075, AK025484, AL157482, A03736, X96540, AL110280, D83032, AL117648, AF118064, AL080159, AL299431, L30117, A93330, AL110221, AF090900, AX010492, AL117440, and AF106862. </p>
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HFATL31	361	100639 9	1 - 986	15 - 1000	BF032069, BF574484, A1286073, A129332, AW303806, AA287382, AA287509, AA478080, A1215982, AA744791, AV750824, AA406109, N49389, AV721062, AV725349, A1509330, AA808380, AW752428, AA625789, AD201111, R68889, BE835495, H87507, N9478, AA683003, A1784410, AA720647, BE041750, BE005144, AA058432, BE181095, H01638, R72970, D81097, R68789, AA056754, BF572784, T27546, R73585, BE513259, AV338565, AA906927, T27284, AA247719, H01529, H87508, BF215445, AA749501, AV691095, BE379738, and AK027171.
HE2JF77	362	100644 5	1 - 561	15 - 575	A1808778, BG054989, BE857601, BE885329, BE881349, AV3040934, AW621192, BE712961, A1880009, A1815709, A163154, AA526969, A1150509, A17161293, A1146808, BE712850, A1088675, AA722187, A1902061, AW431154, BE712843, AW449490, AW161970, A1115532, A1083943, A1492618, BE712919, BF589503, BE712889, BE713004, AV162759, AV719459, M79223, A1804223, BF939296, AW972384, H97676, AA552629, R76719, H41614, D80207, T31248, A1796667, R75663, H13188, H13189, H18312, BF861117, BF762457, W23755, AA115533, A1209992, H97439, D56295, A1832722, W35334, A1432110, AA084432, A1157796, H18170, H40836, A1916646, BF977122, A1083168, AA602325, BF338333, BF131373, A1434123, AW880236, BF76099, A1654105, BF726100, BG029058, BF339019, A1086254, A1118520, AR075096, U05784, A1119856, AL050015, X00861, A113676, X87724, A1359382, U72882, A131955, AR059958, AL389951, A133014, Z97180, AF218005, AF159141, I00734, AB016496, AF217972, AR095619, AL355713, AR095635, AB007812, AF188698, E00617, E00717, E00778, and AF144093.
HCBNX87	363	100647	1 - 934	15 - 948	AV703983, AV726509, AV724045, AA484895, AV717042, AA491575, BF665912, AV752886, AV704858, BF711129, BE295759, AV759175, BF212041, A1133335, AW954146, AV718303, BF697038, BF575185, AV716398, BF695081, W40182, W19621, H74259, BF574703, AW959573, AV763693, AV714436, BF747404, AV761403, BG171037, AV760476, AA298804, BF666224, A1929471, AA296780, BE781598, A1815460, A1541337, N29084, N36756, H87040, AW959568, AV738107, BG121116, AA297887, BE513823, BF979410, BF697403, D56475, BE706808, N98570, W31214, AV712776, BE693502, BE513154, BE065121, AA298012, AV716021, AV751542, BE065135, H85627, AV690262, AA298961, AV660329, AA297588, AW371999, BF994508, AA297039, BF214397, BF980359, BF239553, AA297868, AW748993, AA297949, AV712048, AA297436, AW362946, AF211166, BF805496, BE774733, W85999, BE828311, AA257047, BE774859, AV732932, AV767607, A1126303, N77409, AV694284, BF765220, A1086042, BF807758, W21542, BE693520, N79915, BF335710, BF807687, BF807695, BF807764, A1816403, BF378424, AA724019, AV722344, A1740446, A1001781, A1808001, H75925, AA412714, AA091861, AA251819, AA489131, AW968954, BE222943, AR051263, AF078848, A12710, 948, and SS4914.
HCBNX87	363	100647	1 - 934	15 - 948	AA195189, A1872284, AW770838, AA195225, A1970956, BE219722, BE856129, BE348445,

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HNTD168	364	100648 3	1 - 3266	15 - 3280	
HTRA005	365	100651 2	1 - 561	15 - 575	<p>A1702386, A1524073, A1401286, BE561354, BE295468, BE267749, BE511336, A1459535, A1899934, AW962270, BE712449, BE712458, BE695348, BE712281, BF106390, BE560144, A1927392, BF727086, A1160850, BE792824, A W081202, AW029525, A1814345, AA701053, A V703327, A W104087, A1886582, AA375902, BE695412, BE712223, BE712220, BE695398, BE712549, BE695418, BE712279, BE712505, BE712319, BE712008, BE695425, BE712770, BE695432, BE712628, BE712414, BE712498, BE712213, BE712504, BE695389, BE695426, BE712510, BE712170, BE712624, BE712232, BE712047, BE712014, BE695407, BE712104, BE712166, BE695391, BE695427, BE711646, BE712506, BE712331, BE695413, BE695403, BE712285, BE711560, BE712102, BE712622, BE712773, BE712502, AA770666, BE695378, BE712050, BE695420, BE712334, BE695373, BE712544, BE712724, BE712348, BE712555, BE712553, BE712222, BE711652, BE712547, BE712787, BE712108, BE695422, BE712212, BE712103, BE695419, BE712211, BE712421, BE695416, BE695424, BE695401, BE695384, BE711604, BE695436, BE695415, BE711760, BE695364, BE712430, BE712326, BE695429, BE695417, BE695404, BE695431, BE695423, BE695408, BE712231, BE695350, BE712670, BE711986, BE695409, BE712391, BE712668, BE695375, BE695395, BE711558, AA976480, AA767170, BE712324, BE695428, BE695402, BE695344, BE712587, BE695345, BE695374, A W391351, BE695382, BE711587, BE712387, BE712454, AA384751, BE711298, BF726553, BE712100, BE712507, AA687454, BE712322, BE712771, BE695414, BE695400, BE695434, BE712171, BE695362, A1367957, AA687513, BE711670, BE695381, BE695368, BE711532, BF112286, BE712160, BE711502, BE711500, BE711535, BE695405, BE695346, BE695361, BE711842, A W079821, BE695377, BE712221, BE712045, BE712162, BE695330, BE695433, BE695421, A A329952, BE695355, BE695365, BE711508, BE695351, BE695383, BE695359, BE695379, BE712101, BE695350, BF837811, BE711614, BE711657, BE695352, BE695376, A W370204, A W510617, BE712003, BE711603, BE828321, BE695392, BE695410, A1460272, BE695392, BE865300, A1399112, A A907009, BE712456, AA411532, A1290011, T71962, AA507928, BE695430, BE828315, BE828313, D60602, BE828312, AA317838, BE712474, A W688621, T81771, BE327944, BE695356, AA662912, BE711542, BE940444.</p>

HMTAL96	366	100663	1 - 1821	15 - 1835	AS22896, BE695380, AW071632, and T71693.
	5				AUI21947, AUI33408, BG107816, BF978353, BG167070, AUI136479, AUI912625, BE787533, AL043108, BF978689, BG118584, BF575797, AW946781, AA541465, BE896118, BF724292, BF673227, BE574674, BF769406, BF573737, A1677825, AA843784, N90942, BF679753, AL133947, BF340046, AUI22639, BF338412, A156122, W58349, BF674910, AW946784, AL146802, AA453844, AV721329, BF213289, A1829684, A2488110, AW148927, BE549681, A1634356, A1693209, AA313278, AV711952, AW015279, AV721448, AW970646, W48807, N33995, AA770568, BF570691, BE046360, A1200909, W52177, BF670447, AW337556, A1925678, AW137200, AW946872, AA740996, AW473986, AA044616, A1088378, BF986183, A1302975, W58474, BF572827, A176436, BG149747, N36852, A1090980, AW440100, AL184300, BG031130, AW403227, AA846487, W52178, W60313, W60262, BF577093, R80598, N35139, AW080740, BF930195, N46123, BE891377, BG231191, R80597, AA178883, R23907, A1244465, AW027841, AV707552, N36871, AA262561, AA026808, A1127632, R24938, AA158096, AW705840, N46141, AA165152, AA165180, H94816, T28111, H89174, A1523244, BE539497, AW876080, AA885512, N32999, AA042803, A1291968, AW271335, A1374631, A1928012, A1582354, AA905984, A1391678, AA654121, A1470822, A1659820, AUI50290, A1435866, AA478972, A1672499, AA782245, A1683540, A1242454, A1963948, A1098811, AW974863, A1970953, A1098979, W47019, N24550, A1656583, AA098926, A1811390, A1346328, A1702054, A1926667, A1565050, A1669676, AW300193, AA526702, A1078689, D20104, A1910690, AA991913, H80964, T70014, BE041620, A1432060, A1329386, F00987, AA677620, AA450363, BE528391, AA100143, R82731, A1974941, A1912968, A1681692, BE219987, N89579, BF575528, R23125, R23127, H83940, AW404323, BF446671, AA730321, BE253861, AA069494, AA808762, AA370257, Z28753, T29433, BF732515, A1365551, AW502459, AA243213, T39145, BF530380, AW795398, AA973669, W46200, BE183279, AA836447, W23989, BF105047, T39150, W17101, BE041692, BE827333, N91885, AA453560, D45259, T10404, N47782, AA091310, A1749903, R23998, B27528, AA165310, AA248615, R23906, AH20657, BF240034, AA809895, R31791, BE006042, AA089814, AV718352, BF447937, BF003074, AA863104, A1957573, BE220393, BG236248, AH20216, A1597664, A1972622, AA523550, BC036924, A1674511, BE673195, BF446200, BE550809, A913502, A1218901, A1827982, BE674363, AX017503, AC018682, A93912, AL139099, AB031482, M31470, A93910, D49727, A1916993, AF197014, D50264, D49726, D49725, R62747, AA853568, AA916254, and AA969277.
HDITP21	367	100685 8	1 - 693	15 - 707	A1911957, AW804755, A1862391, BE067582, A1301580, BE067581, BG033220, AW817932, A1591299, R62701, A1590522, AA502623, AL040054, AA634017, BF991208, AW273830, BE261047, A1344810, AW021774, A1590459, BF767878, AW302983, AA579469, A1870204, BE243098, A1345123, BF854038, BF810071, AV710482, A1597820, AW303254, BF832078, AL133668, AA077776, BF925233, H05073, A1345550, AA634889, BF149427, AA654781,

HISEQ81	368	10694 3	1 - 500	15 - 514	<p>BF847015, A W970992, AA872299, A W082744, BF681222, AV762982, AI859946, AL079834, AW763864, AI252483, AW302984, AA551390, AI826845, AI039471, BG008096, AL048060, BE139043, BE138563, AL526288, AI275989, AW504485, BF934742, AW528480, A W744333, A W517743, AI088575, BE063646, A V761714, F00212, A V852100, BE138649, AI252999, AC005237, AC008482, AF168787, AI021391, AC006285, AI121886, AI133466, AC003029, AP001726, Z84474, Z85987, Z46773, AL080243, AC023344, AC008764, AC005000, AI023581, AC005857, AC009242, AL031432, AC007390, AF088219, AF002898, AI096701, AC005832, AC006480, AL096870, AC003101, AC005253, AI391690, AC007845, AC008537, AC008753, AP001695, AC010553, AC016025, AC002540, AP001728, AC008733, AC008155, AC004593, AC006449, AP001412, AL031229, AC002563, AC027319, AC007298, AX021009, AP000122, AP000169, AP000054, AL121601, AC018758, AI121712, AC010092, AI160410, Z93023, AI121929, L34079, AC006597, AP001711, AP001725, AL035458, AC004000, AP001538, AC004983, AC007383, AC005261, AF216667, AF000208, AI3900130, AC004796, AB001523, AC005899, AP001435, AC005280, AL035587, AF196969, AP000247, AP000359, AP000152, AC009180, AP000065, AL049761, AL158823, AI121583, AC004690, AL390759, AF019413, AP000008, Z97985, AI163279, AC011479, AI021937, AC005284, AC002470, AF254822, AC010618, AC006538, AP000512, AC010072, AC007052, AI121989, AP000089, AF215937, Z99127, AC010358, AP000704, AL049870, AC002364, AC021016, AC006117, AC003688, AC011451, AI135924, AL031659, AL365505, AI109804, AC020908, AC087225, AC020914, AP001674, AC005822, AC006261, AC006547, AF011889, AI157951, AC004526, AC010473, AC005332, AF196779, AC005234, AC000075, AF109907, AC006334, AC024168, AL034548, AC005180, AB007953, AI135978, AL049776, AL008582, AC011465, AI121845, AC007246, AC026888, AI163285, AC007223, AL356422, AI132713, Z93244, AI161422, AL358785, AC009228, AC005695, AC004217, AL031658, U85195, AI132659, AL445687, AC006028, AL031680, U80017, AC005081, AP000210, AP000132, AC004890, AI121926, AC006511, AP001710, AC005779, AC002430, AC008403, AC011482, AC004799, AC005768, AC007731, AP000533, AC004814, AC005399, AI136450, AI353499, AE000658, AC004886, AC0116620, AC005500, AF037338, AC005664, AC004655, AI354720, AC004166, AP001477, AC005663, AC002302, AP001760, AL050348, AC007384, AI356020, AI356747, AL020997, AL031587, AC007546, AI133245, AC025809, AC009060, AC020906, AC009298, AC005914, AL133453, AC004087, AC005052, AL023803, AI135901, AI158012, AC020741, AP000248, AC005158, L44140, Y14768, AI035086, AL034379, AC004765, AC005480, and Z98946.</p>
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HODFH02	369	100695	1 - 603	15 - 617	ZB3850, AX007980, AF121782, AC000664, AL122001, AC007566, AL355352, AP002026, AF000500, AB026898, AC007567, AC015983, AF001538, AC007043, AP001674, AL192912, AL391416, AL034410, AL360227, AL023381, AL031755, AC004381, AC007244, AC007304, AL333757, AC007164, AC024563, AC008626, AL022069, A60169, AC011550, AC023172, AL008629, AC012598, AC009946, AP001600, AP001697, AP001599, AX000957, AX007993, AK022306, AC046130, AF064860, AC004020, AC011235, AX000958, A60173, AC007969, AL049870, A60168, AC019187, AL133818, AB024464, AB024472, AB024457, AB024458, AB024460, AB024479, AB024484, AB024459, AB024469, AB024471, AB024474, AB024481, AB024462, AB024467, AB024463, AB024470, AB024473, AB024475, AB024474, AB024482, AB024476, and AB024465.
	369	100695 3	1 - 603	15 - 617	AW966385, AV770495, AV973541, AV718487, AV720211, AV720729, AV720104, AV719632, AV719822, AV701335, AV701332, AV701248, AV701431, AV701043, AV701017, AV701357, AV966342, AV699866, AW975623, AW973470, AV720616, T06155, AV718427, AV699746, D88547, and AC003010.
HOCPP18	370	100723	1 - 759	15 - 773	AT743840, BE877930, BF028625, AW968831, BG171528, BF244687, BF034731, BE738082, BF696564, BG249379, BE262610, AW610031, BF675618, AL168679, BF184298, AW582660, AW610024, AW610015, BF432167, AW582658, AW582645, AL368790, AW582649, AW404414, AA635047, AA977702, AA255745, AW609460, W74224, AL189196, W19875, AA423814, AW873607, AW674957, AA700205, N34074, AW673317, AL693774, BF207680, AA490434, AA81988, AA687682, H59322, AW675671, N25886, AA043487, BE738236, AA384027, AA970715, W03959, AA099633, N91486, AA844086, AW970706, BE46807, AW361070, AA576387, AA527550, AL380149, BG180768, BF742317, AL149307, AL139270, BF334168, AA643654, BF965959, AL018593, AA513014, AA101966, BG180833, AL089738, AA419058, AL041791, AW139976, N73897, W74225, AW361045, H70242, AW024571, AA126714, AW271818, AL143332, H82629, AW958804, R26807, BE047049, AA987943, T95639, AL857573, AV687372, N22461, AW268879, AA090516, AW651630, AZ44767, AA877283, BE041685, AA426291, BE765584, AA136056, AL19235, N56136, AL241275, T79549, N56398, R26004, AA889245, BG153704, AA641594, AA873098, AA757929, AW879744, AA043488, AK000666, AF150100, AL163279, AF150101, AF152353, and AF150102.
	371	100794	1 - 1747	15 - 1761	BG235213, BF681335, BF372572, BF679493, AA420666, BF678593, BF327033, AL804263, AV700486, AL275402, N33388, W78024, AL083839, AL376710, T92186, T89120, N23972, BF371272, AA658363, BF370329, AL798226, AA253483, AL216098, AA234181, AL216502, R39949, AA253313, BG105540, N31873, AA225664, T89209, AW393695, AA662620, AA528445, AA513944, BF326921, AL042210, AA179786, AL699285, AW964036, AA357063, AL080345, R39948, AL344783, AL180503, BF891183, AW515141, AW997169, AA225610, BE940088, N98709, AA206457, BG003461, AR070464, and AL359561.
HODFP91	371	100794 1	1 - 1747	15 - 1761	

E6DED06	372	100797	1 - 574	15 - 588
	6			
				AV706787, BE907476, BF026598, AW070517, AV721296, AA150834, AI553893, BE675928, AI288705, AV726669, AV272834, AW024564, AI132660, AI738250, BE672892, AA626719, AA594341, AV704501, AV211985, AW071929, AA828157, AI1039908, AI057511, AI1268592, AI086021, AI870369, BG222673, AV703596, AA156597, AA812762, AI039165, AI024129, AI286244, AA567396, AI9224451, AA989383, AA482452, AI803068, AA417820, AA490492, AI051535, AI801913, AI672921, AI800836, AA494488, AA455184, AI025564, AA954675, AI368705, AW952786, AA862743, AA887974, D80115, AI210669, AV977347, AV972180, AI806805, W24116, AA933043, AI784667, AA934066, AW183454, AI868633, AA907741, AV663428, TB6139, AW205935, TB9455, AI254098, AA513366, AA515593, AI3338859, AA813534, AA115080, BE672891, AI381801, FT17301, C03097, AI659028, AA216001, Z42400, N91938, AI913851, AA992249, Z19268, AA365163, AI420340, AI656368, AA648946, AI583724, AA992479, C03951, AV701177, BE118666, AA479438, AV702417, AV964409, AV729376, AW960655, AW954134, AV652001, AV651955, AW963027, AW951270, AV725153, AV706417, AV964585, AW953807, AV702789, AW949478, AW962386, AV709273, AV703790, AW964440, AV709092, AW950443, AW960601, AW952403, AW952183, AW959806, AV656903, AV661704, AV697196, AV952751, AW956075, AV645936, AV709587, AV955723, AV658084, AV692600, AV653015, AV659389, AV697880, AV727613, AW955900, AV656373, AV726010, AV655280, AV660258, AV647789, AV708109, AV959521, AW956474, AV659294, AV727187, AV703146, AV686060, AV725745, AW951239, AV686064, AV660608, AV728148, AV659322, AV726156, AV654908, AV726590, AV656478, AV698545, AV709314, AV653353, AV708381, AV654070, AV660728, AV691080, AW951281, AV702385, AW949802, AV658275, AW955662, AV703669, AV707979, AV658751, AV727003, AV709580, AV725208, AV725382, AV708786, AW957517, AV659547, AW959543, AV727526, AV707155, AV703169, AV651920, AV725618, AW954439, AV727510, AV725633, AV707088, AV652156, AV728518, AV702266, AV725577, AV725033, AV706223, AV728924, AV725617, AW954206, AV727935, AV707863, AV725991, AV707304, AV698931, AW964421, AV726619, AW952410, AV703062, AV727822, AV699089, AV705138, AV701874, AV950888, AW962444, AV703501, AV702772, AW954237, AV701180, AW950258, AV707401, AV701183, AV709660, AV704585, AV709935, AV654035, AV707652, AV707654, AV728721, AV707663, AV683994, AV704042, AV654282, AV729220, AV709880, AV697288, AV698290, AV687035, AV706882, AV704847, AV694836, AV697498, AV702954, AV686420, AV694812, AV727238, AV682997, AV696866, AV727126, AV707656, AK026514, AF151894, AC004789, AC004763, AR050070, A62298, AF217994, Y08991, AX047062, A82595, AR2593, Z30183, AX047064, U94592, S68736, AX009343, AX009341, AX009337, AX009335, AX009345, AX009346, AX009344, AX009340, AX009339, AX009336,

HPCRD26	373	100801	1 - 1320	15 - 1334	3	AX009338, AX009334, A62300, AX040581, Y11505, AF006072, U45328, A91160, AR025466, AX046743, AF289208, and AF424481.
						AL522813, AL522021, AL515238, AL534210, AL527634, BE881304, BF967335, AL522812, BG168951, BE547168, BF683070, BE018646, BE251740, AL120106, AA156075, AW007510, AW724448, AL515237, AA557210, W18295, BE970056, BF967686, BF511071, AL535783, AW161414, AI905116, A92846, N607846, Z43685, AW006138, AW274433, BE903335, AW594670, AL511862, AI905108, AW084461, BE302221, W17116, AI695301, AF300237, W93915, AA378300, AW793014, BG180670, AA866170, AA155990, AI655474, BF934862, AW084679, AW264238, BF765898, AL384123, AL357889, AA248880, AL367177, AB18724, AW504833, AI816910, AW264332, AA701939, AW303940, AI285409, AW166173, AW235873, N83196, AW890020, AI655254, F25724, AW384463, AW384462, AI204007, AW384518, AW384495, AA630995, AV384515, AV392814, BE729209, BE156493, R17296, AA055886, BE439599, AA249576, AL772667, AI660862, BE567686, AW384539, AA630973, H74117, AA249786, BF763245, AI291050, AI277894, AA658504, W81238, N98875, AA503728, AI015881, AA261778, AC005915, I89946, and I89945.
HSIEH63	374	100802	1 - 757	15 - 771	7	BF591295, AL223817, BF064033, AL323306, AI732756, AI827789, AW270969, AI458391, BE826171, AI820678, BF062424, AI734150, AA487683, BE465984, BF002863, AI073913, AA487468, AI521059, AI906906, AI966910, AI908072, T94990, T94936, AW015443, BE075729, BF512129, AA708803, AI810047, AC004993, and AF106066.
						AW753589, AW959236, BE742519, W32940, W15186, N73147, T82084, AA294934, AA211695, AI905720, BF032776, AA354566, AW837086, AA468796, and AC007655.
HPASD51	375	100807	1 - 819	15 - 833	1	AL536332, AL515984, AU125142, AA639765, AI281923, AU125056, AW953648, BE734342, BG167105, BE794775, BE729038, BG260021, AI377989, BE729258, AT20031, BE77682, AW088074, AW300735, BE789911, BF206718, BE408591, AI768419, AI768875, BG027265, AI135162, AA482024, AI743443, AA514479, BE046393, AA627864, AI928477, AA528026, BE391197, BE395201, AA846720, BE391155, BG166973, AW104771, BE741552, AW567933, AI017373, AL515985, AA527494, AI215852, AI871626, AW205622, AA045396, BE390376, BF111620, AW612025, AW291747, AW295357, AW087156, AA722864, AI694451, BE076330, AA574156, W07767, BG001290, AI613494, BE515246, AI630897, AW959218, AA866004, BE671294, BE778573, N21002, BE503277, AA436970, AA577339, BF087009, AA485992, AI609811, BE567267, AW594105, BE745288, AW614636, AA987612, AI373242, AA595033, AW602847, AA442981, AI261446, AW211584, BE277529, BE224222, AI838763, AW575771, AW291177, AI914132, AI086874, AA946951, AI864703, BE675612, AI365469, AI089624, AA415750, AI205853, W76670, AW779982, AI797948, AW975076, AI801899, AI654944, AI134914, BE275008, AA045080, AA315298, H17040, AW975076, BF868517, AA281453, W80506, BE729487, C06206, AA458469, W72604, H83386, AI261797, BE348343, C05666, AV42478, AW951164, AI500450, BE774706, BE791627, BE796924,
HCOQH27	376	100815	1 - 2570	15 - 2584	4	

					BP063082, AW873406, BF512937, AA985558, R24963, AA359349, AA181239, F07027, AI369560, BG167811, AI499976, T23579, BE74925, N80706, AI125182, R22308, AI867225, BF125894, BE733074, AI864702, AA351832, AA488619, R22307, AA211234, T15846, W78706, T29175, R59834, AA768369, BE730023, AI280341, H17039, AW451574, BE794619, R59725, AA337453, AI914281, BF685266, BE894029, R45226, N62790, AA209250, AA885364, BE870829, AW239502, R13676, AI193308, BE903685, BF508932, F02190, BE729532, F01005, R37773, Z40129, AA658001, BE848334, BE779216, AW470658, N66912, N78467, BE734815, BF205742, AW087711, AA639210, BG118949, F01440, BE866954, AW711236, AW711230, BF921987, BE294736, AA156669, AA417688, AW747945, BE739601, BE739356, AI968627, BF923421, N92948, BE763516, AA419422, AA918503, AA192555, AA156775, N85859, AI827610, AI119049, AI003244, BF185020, AA470156, N83767, AA928812, AA280765, L07758, AC007622, Z36805, Z36804, and AB049913.
HNTBU30	377	100817 7	1 - 4084	15 - 4098	AUI25982, AW953485, AUI25447, AUI24785, AW001101, BG110603, BF974285, AL040867, AL040866, BF25360, BE868091, BG104583, AW090092, BG121189, AW190132, AI353864, AW889900, BE378230, AL041116, BE548940, BE256037, BF941323, BF034153, BE547709, AUI132530, BG106299, AI651097, AI359516, AW080364, AW383973, AI524978, AW362784, AW753817, AI148869, AI93562, AW675581, AA456283, AI49111, AUI32763, AUI54232, AUI149535, AI046765, AUI54467, AA400563, AA706610, AW004969, AW856789, AW856786, AA54671, AW373589, AUI54038, AI797535, AI367629, AA400130, AA513215, AUI18014, AI288449, DS3070, AUI148577, AA535371, AW86788, BE813630, AW363230, AA029231, AA029232, AW026702, BF887882, AA453842, AA649925, BF887870, AW605323, AA400176, AI094511, AL040652, BE855545, AW937579, AI421670, AI423472, BF753305, AA233312, BF357897, T09488, BE873172, AA683594, AW628747, BF848380, AI571901, R18421, DS3589, AA400392, AA586607, AA53237, BF590559, AA227724, DS3194, AW999617, DS2887, AA514956, DS3211, AA233313, AI005503, AA227283, BE070741, AI083301, T23587, T77686, H91031, BF081251, AI916759, AA322214, BE070726, AA453738, C00385, BE694440, BE938121, DS3071, DS3128, Z25342, BF081249, AI911435, DS3754, AI378143, H90918, AI911691, AI272899, H88808, AW754123, AA916908, AI200242, BE070582, AI270551, H89032, AI424142, BF332451, AW580296, AI955188, AW295174, T09487, AW072241, R42483, R38392, BF842266, AA249047, DS3193, AW602313, AW857035, DS3127, DS3210, AW611973, DS3388, BF357733, AI910768, BE858745, BF194823, AI905504, AA003312, BE378122, BF920885, AI007564, AI818299, BE814287, BE814349, BF334589, BE814606, BF378140, AW512399, AW364841, BE825640, AW512594, AU002366, AI024705, AK025689, AK027063, and AF052139.
HCOPI214	378	100817 9	1 - 1070	15 - 1084	BF593832, AA932972, AA808375, AA946572, AA369769, AA594909, AA806051, AA702466, AW934723, H37994, AI098824, H92316, AA426342, AA702719, AI128833, AA994942, BF593832, AA932972, AA808375, AA946572, AA369769, AA594909, AA806051, AA702466,

					AA455129, AI038522, AA399424, BF732814, AI750639, AI719681, N70839, AA765044, AV707407, AI202858, AA085234, AA767390, AA286924, AA609354, N78974, AA485738, AA887225, AA937034, AI291963, AI358650, AA284500, AA470747, AI102025, AI200177, AA769215, AA069853, AI291962, AI351182, AA482551, AI150302, AA490902, N20002, W81002, AI348340, BF979406, AI091199, AV296379, AA959934, N66142, AI191463, AI091263, AI371135, AI497938, AA524838, AI190177, AI091395, AI369827, AI141079, AI499037, AI256047, AI245438, AA700953, AI215137, BF058683, AA534625, AA888067, BE384414, BE280080, AA077561, BE395088, AW182892, AI818273, AI710631, AA545785, BE644851, BF685938, BE251950, BE261985, BE388733, AA632013, BE256819, AI422715, BE677814, AA746219, BE251392, BE302736, BE385718, BE740269, AV260677, AA541648, BE390173, BE408650, W73756, BE393101, BE251423, BE383310, BE382411, BE389013, AI273757, BE797131, AV708799, AI071642, BF206855, BE382779, BE250203, BE396544, AI184848, BE792216, BE780558, BF979620, BG031384, BE884878, BF976235, BE68760, BE313098, BF314636, BF683258, BF976598, BE378757, AW614698, AI554292, BF740546, BF976646, BF972949, BF686137, AA781589, AI368186, AI564228, AI095633, AI332799, AI798016, AI199216, AW149437, AW001581, N20116, W61335, H20252, BE266824, BE646365, BE562800, AW007486, W72497, H17288, BE615633, BE304606, AW246242, BE388748, AA761304, AA737008, AI194041, BE261059, BF338282, AI312662, AI803513, AW976118, BE796733, BE902371, AW963960, AV726513, AI024140, BE295668, T35722, BE313868, BF026881, BE260064, BE395798, BF182820, BF237887, BE777884, BE897802, BG027417, BE614922, BF207295, BF310788, BF684394, BE795449, BE280417, BE781789, BF683849, BE272073, AA490865, AA627990, H20471, AW173790, BE249955, BF316969, AA854240, W94233, AA800916, BE253470, AA191107, BE251089, N32846, H99084, BF819511, T52641, AA989636, AI371466, BE83266, BE255312, BF663674, AI074104, BE25154, AA287161, BE832928, AI128033, H56620, N27167, AA927061, BE877626, W58692, BE926335, BE544664, S47552, AI183902, AA302461, AI146843, BF760392, AA464316, U66895, L76200, and AI1042.
HODEC78	379	100829 9	1 - 1457	15 - 1471	AA287686, AA207154, AI154168, AA179206, BF959881, AI640238, AI132680, BF194738, BF940404, AW135518, BE742576, AI192959, AI694946, AI523667, AW204593, AW000251, AI356297, AI361894, AI914362, AI300563, AI952850, AI361750, AI768922, AI582668, AI135635, BE772693, BF061364, BE552169, AW013899, H83373, AA018189, BE276307, AW960051, AA749310, BF433855, AA366409, AA769579, H87151, H87035, AI868789, AA464267, AA249429, AI816088, AA471320, BE256470, AW367751, AW391782, BF931655, AI580257, AI101455, H9961680, BE745650, AA973114, U90028, and U90029.
HODEF29	380	100830 4	1 - 413	15 - 427	AW949656, AW949631, AW949618, AW949618, AW949635, D80022, D80212, C14389, AW975618, D80166, D81030, D59619, D80210, D80240, AV720211, AW975605, AW966013, AW960454, C14331, D80219, D51423, AV718844, AW966531, AV72927.

D80195, A V699550, AW966075, AW966053, AW966065, AW960553, AV718707, AV719822, AV720878, AV718692, AW978634, AV719524, AW949659, AW973488, AA305409, AW959799, D59839, AW975621, AW973334, AW966029, AV718938, AV718633, AW973474, AW975613, D59502, AW978661, D51799, AW960465, D80253, D80045, AV718489, AW973307, AW966534, AV718931, AV719557, AV720731, AW959202, AV699447, AW958993, AV722801, AW959136, D58283, AW966022, C15076, AW956397, AW962245, AW973482, D80188, AW966041, AW965163, D80391, D80164, AW973541, AW966054, AW978488, AW966050, D59787, AV719783, D59467, AV719468, AV718800, AW965183, AW965197, D59275, AW965196, AW965184, AV720791, AV720464, AV718770, AW973330, AV720203, AW964756, AV719188, D80043, D80193, D80227, C14429, AW966062, AV718440, AV724520, AV720028, AW959597, AW959628, D57483, AW960473, AW965177, AW959570, AW949654, AW973485, AW965175, AW960564, AW958992, AW959062, AW964777, AW964488, AW949641, AW962082, AW699927, D80366, D59927, D80196, AW966032, E59889, AW973447, AV7699746, AW970089, AW964737, AW959582, D59610, AW949629, AW949645, AW949657, AW966043, D80269, D80038, D50979, D50995, AW949646, AW949638, D51060, AV721386, AW965158, AW949633, AW949632, AV701004, D80378, D80241, AW966023, AW753053, AV720812, C14014, AV723097, AW949630, AW959469, AW966030, AW966054, AW960532, AV75623, T03269, AW966032, AV752082, AV718330, C75239, AW960570, AV719049, D51022, AW72893, AV700229, AV720533, AW699682, AW179328, AW969669, AV720654, AW965176, AW717440, AV744690, AW960474, AV742001, AV742667, AV701125, AV701335, AW701166, AV742430, AW701149, AA305578, AV701043, AV701332, AV701017, AV701248, D80134, AV742048, AV701431, AW699866, AW964668, D80248, AV720150, AW973490, AW966386, AV645389, AV645344, AW964532, AW969397, D81026, D80949, AV701310, AW973465, AV701419, AW378532, AW964766, AV701154, AV701422, AW962395, AV719628, AW968150, D80251, AW681491, AW969652, AW178775, AA514186, AV720616, AW966049, D51250, AW951169, AW949620, D80133, AW369651, AV700159, AV701443, D80064, D80268, AV720755, AW699479, AA514188, AW966560, AW966368, C14298, AW753041, AV645453, F13647, AV742022, AW178762, AV701357, AK018138, AG6298, AX033851, AW970327, F84916, AG6200, AX027925, AJ132110, AX047063, AX047064, AG7220, AX021518, D26022, F07155, AX035434, A25909, Y17188, AR008278, D89785, AX020191, AW78862, D34614, A302649, AX020190, AF058696, AB028859, AR077702, AX047062, D88547, AX028130, AR097424, AT087649, X82626, AJ294956, Y12724, AR025207, A25955, A94995, A2760572, AR060385, AB002449, AR008443, AR074545, AR0612117, AV7015396, X08127, D50132, I50128, I50133, AJ287395, A83596, AR074141, AR060138, AR060642, A44171, AR088705, AX042372, AR064188, AR016314, A85477, I19525, A86792, A54546, A26615, AR052274, AR074139, A43192,

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HODEF78	382	100831 4	1 - 538	15 - 552	AW872474, AV720211, AW966053, D81030, AW975618, AW959597, CI15076, AW975621, AW949642, CI4389, D80212, D80164, AV719468, D80022, AW978648, AW949636, AV718692, D59502, D59927, AW978634, AW966050, D80193, AW960465, D80045, AW949631, AW949643, AW949618, AW966054, D59467, AV719783, AW966534, AW966065, AV720464, AV718800, D80253, AV718707, D80166, AW966531, AV724520, D80391, AW949654, D80193, AV718844, AW966041, D59619, AW959570, D80210, D80240, AW965185, AW965197, D80043, AW966022, D59275, AW966075, D51060, AV720791, AV719188, AW966029, D59787, D80196, D80227, AW966062, D58283, AW949641, AV699927, D80038, AW959799, AW958992, D80566, AV973334, D58959, AV719822, D80219, AW960533, AW965175, D51423, AV719324, AW959062, AW966477, AW978661, D51799, AW949646, AV718489, AV720203, AW965177, AV718770, AW973307, AW959202, AV718440, AV720028, AV718633, AW959628, AW965177, AW973605, AW949638, AW973485, AW965184, D80269, AW973541, AV718931, AV719557, AV720731, AW959582, AW699447, CI4331, AV722801, AW973474, AV699550, AW964488, AW965163, AW973488, D50979, AW964756, D80188, AV718938, D80024, AW949655, AW966054, AW973482, AW958993, AW959136, AW956434, AW962082, AW949653, D57483, AW965158, AW966043, AW962245, AW965196, AV718530, D50995, AW949630, AW975613, AV723097, AW964737, D59889, AW960473, AA305409, AV720878, AW960564, D80378, D59610, AV720812, AW949629, AW949645, AW949633, AW949632, AW753053, AW949657, AW973330, AW973447, AW956397, AV721386, AW966059, AV700229, AW960532, CI4429, AW966023, AV699746, AW959469, AV720150, D80241, AW960570,

MODEL 83	383	100832	1 - 520	15 - 534	<p>AV700889, AV960504, AV699669, AW752082, AV701004, AW966032, AV720654, AW966032, AW699682, T03269, AW975623, AW178893, C75259, C14014, AV719049, AV742001, AV742667, AV701125, AV701335, AV701166, AV742430, AV701043, AV701332, AV701017, AV701248, AV742048, AW179328, AV701431, AW965176, AV744690, AA305578, AV701149, D81026, AW177440, AV719913, AW378532, AV681510, AV681491, AV720533, D80268, AW966049, AV720755, AW960474, AW973463, AW964552, AV701130, AV701419, AV701357, D59695, AV701154, AV701422, D80134, AV719628, AV645389, AV645344, D80251, AW964766, AV700159, AW377671, AW718775, AV701443, D52291, AW951169, AW966560, AV699479, AW369651, AV645343, AW960414, AW964468, AV719727, AV962395, AV720607, D80522, D51250, F13647, AV742022, D80168, AV699866, AV700622, AW352158, AA514188, AV719000, AV681529, AV681468, D80949, AC003982, AV703277, A84916, AX027925, AJ132110, A02300, A62298, AX033851, AX047063, AX047064, AR018138, AX021518, X67155, Y17188, D26022, AX035434, A25909, A67220, AF038696, AX020191, D89785, A78862, D34614, AJ302649, AX020190, AB028859, AX047062, AR008278, AR077702, D88547, AR092424, AX028130, AR087649, X82626, AR025207, Y12724, AJ294956, AF260572, A82595, AB012117, AR060385, AB002449, AR074545, AX015396, A04995, X68127, AR016808, AR08443, A287395, A85396, AR074141, AR066482, A44171, AR088705, AX042372, A85477, I19525, A86792, I50126, I50132, I50128, I50133, X93549, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, AR074139, AR066490, Y09669, A43192, A43190, AR035869, AR066487, AR074136, A40438, I18367, D88507, AR054175, D50010, Y17187, A63261, AF135125, AR008277, AR008281, AR008408, AR091537, AR062872, A70867, AR093385, AX035429, AX035428, AX035426, AR0016691, UH6128, D13509, I79511, A64136, A68321, AR060133, AB033111, U87247, AR087528, AR064240, AB037923, AX014811, U79457, AF123263, AR032065, X72378, X93535, and AR008382.</p>
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HRP5H76	384	100832	1 - 1578	15 - 1592	<p>AI971626, BF940710, AI870763, BF447174, BE5676274, AI852352, AI431882, AI161166, AI971645, AV693733, BF000296, BF594148, AI222731, AA937784, AI299178, AI394300, AI439546, AI362722, AI345977, AW072003, A0028669, A6632194, AV205947, BF057452, AW206327, AA972757, AA587064, BE712791, N90856, AI350107, AI298077, BF058455, AW134661, AA925270, N90867, AV002866, AV079385, AI47124, AA460705, BE551298, BF736655, AA746018, BF732395, W16558, AW007772, W16555, AI161086, AI149255, AW340546, AW204428, AI161084, AR988853, AI762633, AA904256, BE715859, AI368507, AI025216, AW137922, AA808302, AA808603, BE715826, BE670470, H68812, AA639423, H16876, AI700294, AA887551, BF063604, T55756, BE571028, AA853813, BE115406, AV300426, AA858288, AA878930, BF590909, AA853812, AA659424, BF967749, AC006230,</p>

HIBGBE52	385	100832 6	1 - 769	15 - 783	AF019386, AF019385, AF177430, and AJ388534. BE002704, BE065136, AW152446, AV734696, TG2861, AA584449, AW370854, AW295305, AI539492, AD093863, TG2711, AA663693, AA808792, AW371354, BE138955, AI431194, AD251970, MI8740, M27118, and UI13669.
HBOAB30	386	100832 7	1 - 779	15 - 793	AUI21386, BG024628, AL523997, BF794753, AU1137819, BG177391, BG176653, BG259088, BG106959, BG107310, BE265326, BF030474, BF347603, BF796967, BE018909, BE018889, BF797739, BE167696, BF981741, AL039474, BF350360, BE244700, BF869380, AA051690, BF183251, BE778225, BF740869, BE271603, AW474216, D58450, AU124160, AW361236, AW466946, BG107057, BF772633, W27829, AU076945, W26115, BF759430, AW664187, AA570434, BF675704, LI2579, M74099, U68542, L43505, AB041595, AC005103, AF047825, AC005086, AF004225, X75013, AC006457, AC000978, and U25750.
HLHCB31	387	100833 2	1 - 2032	15 - 2046	BG250387, AV734234, AW949920, AU125757, BF529108, AW952796, AA443300, BE673024, AI333961, AA738061, AA434343, BE938159, AW513187, AI860346, AW009354, BE294816, AU140937, AW058419, BE042809, BG150358, W40461, N95557, AA418283, AA418366, AI183756, BF983116, NS2313, AA620306, AA884462, AI001006, D63288, BE274198, AU00765, N93959, BF886486, AW620304, AW183978, BF765839, AU138365, BE870250, AW183285, N75083, AA377749, AW235381, AI280350, RA9967, AI932330, AA249125, BF509213, BF886848, BF887480, AL658872, AI869768, R88859, BF223596, R47440, R47819, BE296217, BF755474, BE707786, AA448301, W24950, AI701222, BF912737, BF757800, H21363, C18194, BF515599, BE168666, N87076, AA339171, D30872, AA091617, AA704660, BF692008, AW138128, A46722, D85510, D86331, E16655, and AF144759.
HPFDV51	388	100833 5	1 - 917	15 - 931	BF508974, AW965115, AL630839, AJ741643, AW072035, AW268897, AV723999, D62666, AV072761, AI016072, BF512461, AA344181, C16744, D62943, BF437674, AA344606, AA905880, D62570, AW965114, W60522, F05944, AI015081, AI307598, AV754716, AL042630, AA689351, BF448904, AA429481, AW392414, AI124706, BF883138, AA603400, WF732205, BF769787, AA610381, AL137946, AH71455, AA550959, AW502873, F36200, BF766147, AA132912, AV728369, AI687343, BF742657, H86221, N91711, AI624379, AI282629, AA642809, AV764406, AA828153, AA946848, AA084230, AA578832, T93109, AA228778, AA524800, AI356440, BE868437, AW949694, BG026818, BG026893, C14480, AA508036, AT754037, AI525293, AI568659, AA610826, AI185394, AV743799, AA362349, AD18419, AV734149, AA678950, AI135761, W39287, AU150583, AA654778, T05354, AA385775, AA484892, AA935291, AA468923, BF737749, AA828442, BF833968, AI578000, AI049701, T06828, AW515219, AA666215, AV729669, BE76915, AA483731, AW511778, AA525331, AV764259, AA278861, F26072, AA445951, AW850230, BF913900, AA483034, AW151247, BE143664, AA533054, AW979295, AA371410, N71619, AA483483, AA832016, AA831801, AV762430, AI246096, AA364082, AA598663, AW468349, AA805960,

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HODEG13	390	100833 7	1 - 516	15 - 530	AA861406, BE160342, AA654837, B1814002, A10877546, A4244041, AW157413, A1043973, BE061421, Z93403, Z92545, AC005326, AC004552, AL360078, AL021406, A1049781, AL136442, AP000515, AL133500, AC006313, AL355272, AL121776, AC005993, AL117340, AL109800, AK021430, AL109853, AC008873, AP001724, AC087085, Z93928, AC016623, A1229041, AL133514, AC004388, AL049646, AL136981, AL157931, AL1036938, AL121997, AL008629, AC007068, Z73986, AC010198, AL335573, AL121950, AC009241, AC004949, AL008639, AC006461, AC005538, AL096867, AC006157, AL354685, AL136133, AL023883, AL033375, AL360157, AC009430, AC005018, AC003670, AC026398, AL160237, AL138141, AL137118, AC006257, AC008127, AC008083, AC008279, AC009308, AL135960, AL131016, AC007282, AC004654, AL035423, AC004055, AC004911, AL391684, AL035454, AL121841, Z85987, AL138064, AC016607, AC004982, AC020603, AL391666, AL163280, AL391644, AC073572, AC011890, AL359641, AL335582, AL031054, AF002223, AC022274, AL033521, AL132773, AC004052, AC008818, and AC073325.
HHPFK16	391	100834 5	1 - 461	15 - 475	AA306966, A1630072, AV650129, AV651901, AW248211, BE251055, BG257403, BG142261, BF796726, BE252748, BE970072, BE253394, AA587676, AV727695, BE566483, BE979560, N13759, A1689371, BE979663, BF530154, AA379229, AW963917, W32392, BF185241, BE618517, AL523961, BF681293, AV750140, BE748280, A1092258, BE783649, AA281646, BE164637, BE781790, AA523844, AA333474, AL524527, A1733910, H00017, R47258, BE972575, R47244, AA375463, AW304314, AW801668, AL524526, H00071, BP98262, BF683074, BF182646, AA664453, BE842637, BF185407, A1419252, BE38376, A1698340, BE857220, BE673426, AA367629, N80921, AA026486, BE551157, C02600, BE743952, BF694306, AC011477, AC007204, M61870, AC010329, M61866, AC011482, AC008554, AC010636, AF070651, AC008739, U35376, AC024563, AC073539, AF038951, AC003973, M61873, AC078899, AB040906, AC006539, AC008463, AC011494, U37092, AF242519, and U37098.
HARAL81	392	100834 9	1 - 809	15 - 823	AA7754039, A1499427, A1569758, AA573906, AW305026, BF060656, A1777763, A1888037, A1511528, A16069026, AW953867, AW516094, AW526290, AW778946, BE466396, A16069026, AW953867, AW516094, AW526290.

HEFDA42	393	100835 0	1 - 1705	15 - 1719	<p>BE350929, AH58494, AL348375, AW778861, AW515242, AI167773, AI167778, AI340014, AW591035, R27343, AT743913, AA417618, AH45272, AI017672, AA846130, AI031742, AI130967, AW083699, AW514640, BF435521, AA317786, AI537097, AW166621, AW474028, AA148403, AI051166, AA537636, AW628654, TI6495, AI918078, T35136, T99542, C13971, AI203032, R27194, W23467, AA769735, AI92246, AA417617, H85078, AW627632, R05681, H85068, R27344, R27232, H98786, N28328, W56232, BF343776, AA548433, AW471025, AA369382, AA899684, BF439088, AW975621, R05680, W19830, BE866055, AW973541, AA725383, AV742022, AV699746, AV19822, AW96638, AV700495, AV738928, AV699652, AV701043, AV701431, AV701335, AV701332, AV701248, AV701357, AV701017, AC009314, AF228703, AL031005, AC004166, AC006057, AC004867, AC011811, and AI352979.</p> <p>FI1519, F09180, AW275719, T39173, BE146711, AI064864, AI041706, BG059523, AW958945, AI090377, BE146744, AI464664, AW327624, R23873, BF918590, AA456937, AA831426, AW575605, AV755070, AA838140, AI811460, AI152317, AV762050, AA857486, AV760466, AC005004, AL080243, AL096701, AI135798, AC005730, AL353804, AC008733, AC002449, AC012155, AC005288, AP001717, AI021407, AC008928, AC004552, AP000045, AC007279, AI121899, Z83822, AC005324, AC008277, AC012442, AP000113, AP000300, AC010269, AC004890, AC004955, AC010609, AC009311, AC084732, Z85099, AC005065, AI050348, AC004856, AC006345, AC013734, AI121578, AL022283, AL078601, AC007346, Z84719, AP000359, AI136984, AI121886, AC011442, AF207350, AI157384, AC007365, Z84469, AI133453, AI163248, AI158830, U63630, AC006077, AC0004762, AI035427, AC010289, AC0035681, AC006285, AI157878, AC007850, AP001346, AC009179, AC011479, AI136094, AL034379, AC004987, AL357519, AI121905, AP000556, AL031228, AC022078, AC007956, AC005102, AC002395, AL353701, AC016025, AC005081, AI034429, Z68226, AI138836, AI133163, AC008134, AP000255, AL022476, AC004963, Z69705, AK024182, AL450224, AC073148, AC009116, AI109804, AC007679, AP001670, AP000355, AI133174, AC004754, AI121928, AC023490, AC025593, AC007845, AI450226, AP000357, AH000877, AC008102, AF165926, AC006141, AP000135, AC005539, AP000031, AP001666, AF134726, AI137039, AC005037, AI021391, AC018719, AI136980, AC007954, AC004856, AC020906, AL049738, AC008770, AC038791, AC006120, AC073898, AC006064, AC006483, AF001552, AP000502, AC006561, AI136300, AF045555, AP001712, AI033249, AC005522, AF295844, AC006994, AC007686, AC006273, AC006557, AC005599, AP000105, AP001714, AC003663, and AC005971.</p> <p>AA164850, AI347829, AI164851, AI1539038, W87820, T91042, AW103512, AI208103, AI538025, AW959576, BF153984, AI886882, AI827139, AW571976, BE565889, AI557283, AI565180, AI673742, AA827331, AA164745, AW665930, AI862333, BE971469, TR3877, AI590154, AW966053, AW975618, AW959628, AW966531, AW978634, AW966534, C14331,</p>
HEFDA81	394	100835 8	1 - 363	15 - 377	

D80043, D382323, D59787, AW966041, D80166, D80195, AW975621, D51423, D59619, AW978661, D80210, D51799, D80391, AW960553, D80240, D80233, AW9719822, D5970791, AW966054, AW718489, AW720203, AV718692, AW966050, AV719188, AW973307, D80227, AW959469, AW966062, AW719324, AV718440, AV719783, AW7200238, AW959597, AW965177, D57483, AW959570, AV718800, AV720211, AV718844, AV720464, AV719557, AV718770, AV720731, AV769947, AV722801, AV723977, D59859, AV724520, AW99550, AW964488, AW949641, AW949656, AW969927, AW949642, C14423, AW959302, D80212, D80196, D80188, AW960465, D80219, D53927, D59502, AV718633, AW975605, D80269, AW965158, D80038, D80202, D59275, D81030, D59889, AW959799, D80193, AV724001, AV719468, AW949632, D59610, AW949629, AW949633, AW949645, AW949646, AW949633, AW949654, AW949638, AW973485, AW949631, AW949643, AW949618, AW949657, AW949655, AV718931, AV720654, TQ3269, D80024, D80164, D80306, AW965163, AV720812, AV721386, AW966043, AW973334, AW966022, D50979, AV723097, D50995, AW973447, AW966029, AW978648, D80241, AW959582, D80378, AW973541, D80045, AW700889, AV742667, AV701125, AV701335, AW964756, AV701166, AV742430, AV701043, AV701332, AV701017, AV701248, AW958992, AV742048, AV718938, AV701431, AW958993, AW718893, AW959136, AW959062, AW964677, AW956434, AV718707, AW966065, AV752082, AW965197, C15076, D59467, AW964737, C14389, AW9753053, AW973474, AV701004, AW962452, AV701419, AV701154, C14014, C75259, AW956397, AW965185, AW965184, AW962082, AV701443, AW966075, AW966560, AW973488, AW965175, AW973482, AV700229, AW965176, AW959669, AA305409, D51250, AV700130, AV701149, AV701422, AW966023, AW9660504, AW960564, AW975613, AW973330, D80134, AW966043, AW965196, AV720878, AW9660570, AV718530, D81026, AV719049, D51060, AW699682, AW964552, AW975623, AV719628, AW645389, AB681510, AV681491, AV645344, AW699479, AW699746, AV701428, AV701415, AV701444, AW973465, AW966059, AW973470, AV645343, AW681529, F13647, D80268, AC006047, AP000509, D84394, AC009542, AC083862, AC009330, A1158167, AL080317, AC101877, AP001629, AP001748, A1357654, A1122001, AC008554, Z98750, XA030598, AG62300, AG62298, AX047063, AX047064, AX027925, A1321110, AX033831, AR070327, AX021518, X67155, AX302649, AX020191, AG67220, AV78862, AV645389, D26022, AR018138, AX035434, A25909, YI7188, D34614, AX047062, D88347, AR025207, X82626, AR092424, AT294956, X68127, AF058696, AX028130, AR006872, AF760572, AB023859, AX015396, Y12724, AB012117, AR087649, AR074545, AJ287395, AS8396, AK074141, AK064642, AH4171, AR088705, AX042372, A85477, H10525, A86792, X93549, AQ94995, AR008443, A82595, AR060385, AM002449, I50126, I50132, I50128, I50133, AR066488, AR016514, AF135125, AR060138, A45456, A26615, AR052274, AR066690, AR074139, Y09669, AF135129, A43190, AR038669, A30438, H18397, AR066487, AR074136,

HODEB92	395	100835 9	1 - 1064	15 - 1078	AX035429, AX035428, AX035426, D88507, D50010, Y17187, A63261, AR064240, AB037923, I14842, AR054175, AR008408, AR091537, AB033111, AR062872, A70867, AR033385, AR016691, AR016690, U46128, D13509, AR008277, AR008281, A64136, A68321, AR060133, AR087528, U87247, AF123263, AB023656, U79457, Z32749, AR032065, AR078985, AR038855, X93535, and AR008382.
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HODEB58	396	100837 2	1 - 459	15 - 473	AL157628, AU123801, AW502001, AA247157, AW996782, AW996780, and D86985.
HODEG86	397	100837 9	1 - 634	15 - 648	AC008750.
HODFA57	398	100839 6	1 - 627	15 - 641	AL034561.
HODFB31	399	100840 1	1 - 606	15 - 620	BG036348, AV688303, BF243944, AU125772, BF967928, AL355112, and AK022722.
HTEMP79	400	100840 6	1 - 1003	15 - 1017	BF979841, BF979305, BF979296, BG150564, AI341338, AA910069, BE503224, AA910067, AW340554, AA868285, AA861100, AA917718, AA129040, AL038500, AI221381, AU137865, AU120146, AU125654, AU131460, AU135444, AU120558, AU131110, AU139759, AU138029, AU139592, BE893418, AV714298, AW239516, AV713810, AU135947, AV715665, AU129590, AU138204, AL038186, AU134855, AU134811, AU117756, AU139562, AU134613, AA205818, AU139871, BG168497, AU129389, AI239750, BE613687, BE396928, BF967070, BE618106, AU136621, AA912915, AU126929, BE890856, AU135184, BE907987, AU127952, Z99424, AU134720, AA206189, AW996933, AU136524, AV724976, AW842650, AW842596, AV715554, BE892925, AA205550, AW842656, BF966532, AU119441, AW721305, AU118998, AW842593, AU118558, AW842553, BG152681, BE542111, BF701180, BF671574, AW451940, AU149958, BF512132, AV590832, BE781825, BE568730, AW590222, AU136337, BF574935, BE575983, BF969659, BE572912, AA315719, AA224536, BF671221, BF507657, BF244704, BF222463, AU136454, BE566974, AW390941, AA333736, BF976004, A1637727, BE839049, A1628722, AW385599, AU205669, AA232305, BE504056, AA224264, A1969344, AW842657, A1651532, BF130108, BF673027, AA401546, BF620495, AW952726, BE894917, BE782983, AA769771, BE622263, AI103022, BE812973, AA605007, BF923140, BE1177709, Y08713, AV652507, BE243891, AA317641, BG231796, R86883, W40563, AL038869, Y08710, BE177607, BG027535, AA911682, AA400010, T31615, AW860317, BF512166, AW628844, AA215844, AA609369, AA327908, AU205700.

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HWACN71	404	100876	1 - 2527	15 - 2541	<p>R21198, R35483, R80734, R80735, AW369065, BF593276, H87697, R69732, AW138166, R77614, D59080, AW974160, AA379266, R81260, H97600, R71533, AA379283, N63770, BF570817, BG122478, H81894, H13437, BC034225, R28479, R33860, H01817, BF278436, R33626, R34282, R33864, AW611536, R32022, R31344, R38044, H01817, BF278436, AA368231, R33859, R28049, BE741098, R32074, R79637, N33051, R81259, BG004720, H97120, BF941486, AA435212, AA146596, R26469, A1969590, R79281, R38133, BE856810, R71656, AW579396, R96935, R28270, AA936188, BF499582, H28596, H60804, R77613, BG251670, X52611, X77343, M36711, AF260570, AF260568, AF260569, X74216, U72992, X57012, M61156, U17286, U17285, U17288, U17287, A48521, A419076, and A7206319.</p> <p>BF432374, A1563168, A1871467, AW432231, A1688606, A1572267, AW858322, A134110, AW601637, A1134524, AW577199, AW577201, A1045327, AW971725, AW972287, AW972285, AW971301, AW979127, AW979212, AW979310, AW975246, AW971300, AW979124, AW974123, AW971066, AW970052, AW976032, AW971235, AW975679, AW975999, AW971271, AW974909, AW973753, AW975685, AW974378, AW976043, AW972642, AW972849, AW972907, AW979149, AW974825, AW975991, AW976506, AW971100, AW975095, AW972665, AW970089, AW974801, AW975692, AW970912, AW970973, AW975149, AW974964, AW968185, AW972649, AW972675, AW976991, AW972897, AW974300, AW975667, AW974563, AW974376, AW974678, AW976587, AW975104, AW971265, AW970554, AW974346, AW974933, AW979205, AW971330, AW973776, AW979184, AW970908, A1969928, AW972650, AW973247, AW970976, AW970836, AW972772, AW973722, AW976023, AW972919, AW971173, AW971088, AW975628, AW972594, AW974092, AW975373, AW971737, AW969966, AW973397, AW972396, AW975061, AW971732, AW970941, AW972926, AW974932, AW971356, AW970918, AW979208, AW979306, AW979235, AW969851, AW970987, AW974088, AW969986, AW858525, AW979055, AW972716, AW972427, AW972686, AW969723, AW979122, AW970084, AW970033, AW969816, AW979115, AW975921, AW972812, AW974883, AW975049, AW970928, AW979289, AW971983, AW861944, AW979020, AW969974, AW971156, AW979087, AW971411, AW971243, AW969733, AW975971, AW975156, AW972273, AW979125, AW974658, AW974800, AW972871, AW972927, AW973774, AW972596, AW970857, AW972296, AW979211, AW974686, AW974645, AW979285, AW974913, AW969716, AW979190, AW972721, AW971291, AW974088, AW975411, AW972654, AW976031, AW970586, AW975981, AW975235, AW979059, AW973170, AW971403, AW972701, AW975150, AW971017, AW970853, AW973950, AW979191, AW971168, AW972879, AW973050, AW971187, AW972536, AW979002, AW979238, AW974086, AW970915, AW969748, AW974593, AW975037, AW979253, AW972863, AW979308, AW975383, AW974897, AW975264, AW979158, A1045328, AW969771, AW974077, AW968200, AW977225, AW971160, AW972724, AW975019.</p>
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HO/MU/69	405	100901 7	1 - 1428	15 - 1442	
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HSKNP59	406	100909	1 - 960	15 - 974	
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HETBR71	407	100934 3	1 - 1221	15 - 1235	<p> AV704362, AW950443, AV960601, AW952403, AW952183, AW959806, AV656903, AW955613, AW950888, AV661704, AV697196, AW952518, AV696106, AW956075, AV649336, AV709587, AV655723, AV658084, AV692600, AV650315, AV659389, AV697880, AW951263, AV727613, AV656373, AV689111, AV709880, AV728157, AV655280, AV660258, AV708109, AV647789, AW959521, AW956474, AV659294, AV727787, AV703146, AV725745, AV680600, AV692345, AV680604, AW951239, AV728148, AV660608, AV659322, AV726156, AV654908, AV726590, AV698545, AV654678, AV703790, AV709314, AV708893, AV653353, AV708381, AV660728, AV654070, AV659536, AV691080, AW951281, AV706219, AV702385, AV658275, AW949802, AV652001, AV651955, AW955662, AV707979, AV703669, AV727003, AV725208, AV709580, AV652290, AV725582, AV708786, AW957517, AV659547, AW959543, AV727526, AV648263, AV703169, AV725618, AV651920, AW954439, AV725633, AV728518, AV702266, AV707541, AV725577, AV725033, AV706223, AV728924, AV725617, AW954206, AW955900, AV707863, AV725991, AV696631, AW964421, AW952410, AV703062, AV727822, AV699089, AV705135, AV701874, AV704637, AW952409, AW962444, AV703501, AW954237, AV701180, AV707401, AV701183, AV709660, AV704585, AV654035, AV709935, AV707652, AV707654, AV707663, AV728721, AV726624, AV706854, AV683994, AV704042, AV654282, AV729220, AV697288, AV709604, AV687035, AV698290, AV706882, AV694836, AV704847, AV697498, AV702954, AV686420, AV694812, AV727238, AV682997, AV696866, AV727126, AV707656, AV726681, AV655890, AV728997, AV706162, AV690768, AV704955, AV686390, AV705635, AV656256, AV686417, AV702794, AV687176, AV686083, AV698429, AV726816, AV656240, AV655577, AV725920, AV694871, AV692972, AV704217, AV652156, AV727459, AV725054, AV655901, AV685688, AV689800, AV693005, AV688332, AV954248, AV689410, AV687909, AV955455, AV687946, AV704924, AV728546, AV703762, AV701707, AV706734, AV702834, AW955619, AV656234, AV706089, AV694674, AV704234, AV708025, AV729378, AV684962, AV707933, AV684604, AV708980, AV692691, AV726505, AV701914, AV686100, AV729131, AV695752, AV690209, AV725645, AV656013, AC011491, AF040962, AX047063, Y11505, AF217994, S68736, Y08991, A91160, AI306837, and AI306856. AV006970, BE879571, AW024469, AV721459, BE540489, BE536364, BP963299, BE881422, BF664939, BE542653, BF516238, BF681369, AA526571, AA526589, AA526839, BF1006316, AI799491, AIH98256, AI097048, AW708799, AA043221, AI738993, AW161297, AA451969, AI004196, AA530865, AI215599, AA043222, BF446574, AI536604, N50826, AA452260, AA833821, AI695010, AW157800, AA526474, N48253, AI889875, AV626394, AA040895, AA478480, AV682170, AI569738, AI269131, AA593786, BE817977, AA042971, </p>
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HE2ES17	408	100934 9	1 - 1483	15 - 1497	<p> AT796908, AA042903, AA902540, AA045373, AW663109, AA983152, AA526492, AT708146, AA625776, R82583, R23201, AA046559, AP61811, BG112634, D55818, AA928322, AA452433, AA985418, AA354943, AA382564, R82523, T82827, AA916195, N81192, TS1545, BF680901, N22292, AW380569, AA040894, BE042443, BG105056, AW889077, BF807114, AA935289, AL049610, AF095906, and M99701. </p> <p> BG111492, AW439786, AW073883, AV719548, AV706176, BF132037, AV7143895, BF671635, AU152574, AI925143, AI018024, AA460521, AU152977, BF593938, AT77889, N53236, AI911015, AV720311, AV720287, AV720565, AV719404, H99645, AA983864, AI539561, AA781828, AI140736, AW474242, AI539533, AI084377, AI367955, N44901, AA860474, AW510585, AI051782, T80249, AI276390, AA460520, AU116935, AA682234, N66333, N66141, AA214431, N98663, BE244676, R38792, AK000874, AF078932, Y10495, Y10496, AF203441, AF203457, and AC007346. </p> <p> AW327723, AW674864, AL516842, BE882980, AL332515, BE799552, BE896851, BF984921, BE396472, BF826008, BE799625, BF826769, BE218169, AU077063, AV687313, L14076, and AC004236. </p> <p> AI453043, AI528826, AA556613, AI912949, AI739056, BF966732, AI986110, AL519448, AW611375, AI379787, BG032945, AW962214, AI914227, AA582587, BF590115, BF514600, BF680870, AI587526, AI867178, AA503599, AA683551, BF431318, AU078274, B928459, AU144502, AA766846, AA815041, AI281397, BG170712, AA232560, AW051473, AA523261, BF576501, BF108639, BE242521, AW951858, AI354235, AI039033, BF572328, AI301459, AA126940, AA326462, N70794, AI281454, AA651932, BF574933, AI826813, AA278487, AI349091, AA197245, BF672052, AT700825, BF694355, BF668070, BE247045, BF673072, IA43036, AV659423, BF671763, V67786, AI370310, AV631375, W67845, BF966298, AL047459, BF574129, F03536, AI301406, AI630671, BF603378, AA367445, T28398, BG057778, BF790818, BF574845, BF571244, AI525002, AI825974, BE174789, Z20344, BF575895, C15076, D80522, D59467, D59787, D80164, AV701004, AW975618, AV699866, AI569419, AW964532, C14331, AV718530, D81030, D59627, AV738340, D80366, D80258, AV700159, AW966330, AW753053, D81026, AW973541, AV699550, AV718489, AW377679, AW959628, AW588993, AV724520, AV701422, AV720035, D80043, AW973445, AW966079, AW959628, AW588993, AV724520, AV701422, AV720035, D80043, AW959799, D80133, AW960465, AW960553, D80248, AV720878, AW966531, AV978634, AW741191, AW966053, AW973334, AW588992, AW963163, AV720533, AV719783, C14389, AV720464, AW966059, AV720791, AV718440, AV720028, D82833, AW966022, AW966041, D59927, W95859, AW949632, D80022, AW973485, D59275, AW949641, AW965177, D59502, D80391, AW965158, D80253, AW966030, AW964756, AW966043, AV742996, AW960473, AW959469, D80132, AW965196, AW965184, AW966534, AW966075, AV718844, AW966065, AW073482, AW966054, AW975621, AW962082, D51423, AV719822, D80196, </p>
HE2AG50	410	100936 5	1 - 1794	15 - 1808	<p> AI453043, AI528826, AA556613, AI912949, AI739056, BF966732, AI986110, AL519448, AW611375, AI379787, BG032945, AW962214, AI914227, AA582587, BF590115, BF514600, BF680870, AI587526, AI867178, AA503599, AA683551, BF431318, AU078274, B928459, AU144502, AA766846, AA815041, AI281397, BG170712, AA232560, AW051473, AA523261, BF576501, BF108639, BE242521, AW951858, AI354235, AI039033, BF572328, AI301459, AA126940, AA326462, N70794, AI281454, AA651932, BF574933, AI826813, AA278487, AI349091, AA197245, BF672052, AT700825, BF694355, BF668070, BE247045, BF673072, IA43036, AV659423, BF671763, V67786, AI370310, AV631375, W67845, BF966298, AL047459, BF574129, F03536, AI301406, AI630671, BF603378, AA367445, T28398, BG057778, BF790818, BF574845, BF571244, AI525002, AI825974, BE174789, Z20344, BF575895, C15076, D80522, D59467, D59787, D80164, AV701004, AW975618, AV699866, AI569419, AW964532, C14331, AV718530, D81030, D59627, AV738340, D80366, D80258, AV700159, AW966330, AW753053, D81026, AW973541, AV699550, AV718489, AW377679, AW959628, AW588993, AV724520, AV701422, AV720035, D80043, AW973445, AW966079, AW959628, AW588993, AV724520, AV701422, AV720035, D80043, AW959799, D80133, AW960465, AW960553, D80248, AV720878, AW966531, AV978634, AW741191, AW966053, AW973334, AW588992, AW963163, AV720533, AV719783, C14389, AV720464, AW966059, AV720791, AV718440, AV720028, D82833, AW966022, AW966041, D59927, W95859, AW949632, D80022, AW973485, D59275, AW949641, AW965177, D59502, D80391, AW965158, D80253, AW966030, AW964756, AW966043, AV742996, AW960473, AW959469, D80132, AW965196, AW965184, AW966534, AW966075, AV718844, AW966065, AW073482, AW966054, AW975621, AW962082, D51423, AV719822, D80196, </p>

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HE2BS61	411	100938 8	1 - 1258	15 - 1272	AF075305, AW439817, AW439844, AH931164, AA203275, BF690753, AA533476, N31463, AH435348, AA838687, AE34356, AE282866, AE823812, AV719236, AA507026, AW138875, AW236781, AW996877, BF445452, BE673101, AA035519, AW118716, AA219612, AW194890, AA737528, AA453621, AC005034, and AB026911.
HE2SO43	412	100939 8	1 - 1107	15 - 1121	BF345442, BE745400, BF002361, BF591185, AW006311, A1740645, AW972577, AW190738, AR872945, BF590839, AW515791, AE337338, AE623327, A1160758, BG055059, A1160399, A1955183, AW130008, A1380399, A1375011, BG222460, A1359558, A1217110, A1371688, AW615545, A1360696, AW004738, AA885332, A4506508, A1264485, A1356161, AA280731, AW875997, A1479723, A1471972, A1077764, A1356162, A472175, AA557465, AW007779, BF463808, I22982, A1240814, A1521518, A1356160, BE827863, BF215793, A419525, AW248081, I22536, A1424657, H17888, BF434314, AA877639, R96881, BF000404, A0934283, BF510867, BF588477, R96880, H19299, T88997, R27799, A1307046, BF606860, D45762, AC006547, AC000053, AC000997, AK025106, X56044, AC003060, and AC012526, W31456, W52407, AC005410, AC020704, AL445249, AL132821, AL035652, and AC016925.
HLHC107	413	100940 3	1 - 517	15 - 531	BE314959, AW411287, AW411286, BF304101, BF976822, AW411455, BF344411, BF339991,
HTTBG65	414	100941	1 - 461	15 - 475	

HFPCV71	415	4	1 - 561	15 - 675	<p>BF571534, AW367868, BF809505, W93139, AA010506, AF095890, D12765, E06025, U35622, U18018, and E06024.</p> <p>AA228647, R13137, BF892076, BF892569, AW816131, BF988799, BF990226, AA24815, BF773336, AV732057, BF992718, AV730440, AA565911, BE464585, AW301855, AD281622, AS23719, R68706, AA640823, AW023376, R31595, AW833334, AA728054, BF992721, AA362440, BF992720, AA640563, AU147781, AA935827, A1318304, A16875, AW968193, AW850985, AW162314, BF821112, AW162332, BF849123, BF974024, A1268491, BF917144, AA983194, AW407007, AP996640, AA833828, AU953071, BG255923, A1625175, AW572713, A1345146, T47429, AA015948, A112864, AU146375, BE880448, AW080772, AW157173, AA878955, AW973825, BE246411, BG260565, AA932787, AL537432, BF706737, AL537956, AV720475, F23268, BE312650, AW962187, AA984920, AF178081, AC006077, AC010519, AC007619, AC005730, AF023268, AC008745, AC003693, U89336, AL080243, AL022315, AJ006345, AC034186, AC010091, AC022404, AC026161, AC004973, AC083863, AC005484, AC005049, AL021807, AC005519, AC005759, AL031848, AC007899, AL162424, AC022130, AC006006, Z83844, AL162505, Z97056, AP001714, AL031281, AC010463, AC005037, Z49155, AP001629, AL121928, AC005763, A1133458, AP000556, AL136137, AP000552, AC000353, AC010422, AC023490, AC005668, AC006345, AL136179, AC004448, AC009194, AC005412, AL031588, AJ009615, U85195, AL078460, AL135787, AC000658, AC005822, AL139342, AL035071, AL008582, AC005658, AL122001, AC018644, AC009179, AC007384, AC004634, AL031767, Z93015, AL049838, AC019210, AC011475, AP001748, AC005288, Z98036, AP000558, AL109797, Z84477, AL121653, AL049872, AF205592, AC001334, AC019183, AC073898, AC006037, AC005620, AC010311, AL035658, AL133240, AC008276, AC011480, AP000557, AC006285, AC005231, AL033378, AC005065, AC010458, AC011811, AC022148, AC005516, AC005844, AL027165, AL109935, AL133748, AL117258, AC005940, AL133353, AL391259, AC010577, AC004254, AF205588, AL138040, AF146567, AP000131, AP000209, AP000248, Z99716, AL035417, AC008821, AC004352, AC008733, AC010618, AC007969, AC011493, AC007386, AL023575, AF088219, AC005911, AL136120, AC004234, AC005043, AC004890, AC026776, AC005829, AC006337, AL117381, AF134726, AC004638, AL133227, AC011465, AC007956, AC007226, AC011500, AL035495, AC018751, AC009516, AC005913, AL022238, Z74739, AF163142, AC008543, AC006023, AP277546, AC004024, AL031228, AL133844, AL161672, AC002107, AP000228, AP000140, AC005052, AP000088, AP001694, AL033529, AF111169, AL136418, AC012309, AL121386, AC004915, AL079342, AL136172, Y18000, AP000703, AC004991, AF196969, AC005695, and AL122014.</p> <p>AW189314, AL971285, AW190185, AV701548, AW103994, AL885578, AW167989, AL859425, AW166982, AL922723, AA769108, AW084960, AL076939, AW131143, BF343353, AW166982, AL922723, AA769108, AW084960, AL076939, AW189314, AL971285, AW190185, AV701548, AW103994, AL885578, AW167989, AL859425.</p>
HICABR46	416	100947 9	1 - 869	15 - 883	

AW273318, BE858229, AW103531, AI687025, AI815064, AW872740, AI887599, AW473089, BF793300, AI634376, AA613656, AW085668, BE208322, AI284232, AW272535, AI580226, AW674771, AI758714, AW873017, AW102937, BG060158, AW130895, BE513212, AI744795, AA485335, BE464581, AI077344, AW467350, AI453759, AA662083, AW207926, AI660446, BF964567, AA485528, AI673587, AW951888, BE275026, BF572024, BE940753, AA932540, AI547316, BF338825, BG165219, BE545063, BE562117, BF340056, AI660299, AI680231, AW747973, AA099852, AI819676, AI347214, BG177274, AI560433, AV762928, BG177057, AA769762, BF971297, AI827700, AW381802, AW381808, BG032537, AA635998, BF514764, BF978915, BF307153, AI2126209, BF338419, AI475522, AW474819, AA974186, BG171175, BF796766, AA932698, BE383918, AI547315, AI631419, AA576781, F20462, AW873736, BF389612, BF926397, BF203853, BE150943, AW594192, AI884333, BE150996, BF813305, AI266687, T47132, BG252592, BE151249, AI914926, AW885482, AI130809, R34786, BF308261, AW372562, BE868509, BE385258, AW083843, CO1770, AW392791, T38370, BE262811, T47131, BE010487, AI284877, AI537745, AA974427, BG166304, BE311504, AW439296, AW391615, BE294146, AW592770, T69376, F37677, AA317949, BE150893, AW050884, AW883205, AI690506, AI612866, AI282235, AA485371, T58420, BE018877, BG248153, BE019142, AW883743, BE826138, AA485492, BF662869, R54976, AW392430, AA582345, AA303595, AA299677, AA5568373, AW796686, AW083669, AW087282, AW075780, AW105580, T69301, BF378307, AI915084, AA335651, AW793114, AW793115, BG167629, BE272745, AW793107, BG236213, AW793141, AW793104, AW759989, AW972300, AA304122, AW675388, BF742556, AI874164, AW793102, AW793178, AW166667, AW381330, AA641428, AW793108, AW469444, AI814814, AW793229, AW793101, AW793105, AW881802, AI422498, AW605104, BE833011, BF771652, AA662119, AW609707, AW793152, AA515323, AI914688, AW884464, BF350311, AI687588, AW564262, AI266627, AW063904, AV747117, AW387219, AW793151, AI079002, AA349268, AW610497, AW605105, AW394256, BG058223, AW394196, AI745502, BF092169, N88483, BF094069, BF375200, AI554821, AI927233, AW173742, BE832895, AI289791, AI513809, AI952433, BF975200, AI932620, D28137, AI133049, AI133655, AK025375, AX040958, AX040974, U30290, EI13998, AI133053, AR034821, AI133084, AI133070, AL049423, AC006112, AC010077, AL031295, AC006203, AR055519, AI133076, AI122049, AI133607, AC005522, AI122101, AL022315, AI110158, AI133015, AI133608, AC012312, AX041002, AI133051, AK027105, AC010478, AF002985, AL022723, AF141976, AK025772, U95739, AI133258, AI034374, AL030998, AL445123, AI029416, AC020647, AC021068, AC018767, AC027121, AC026165, AC019176, AC009890, AI133983, AC024171, AI133074, EI2888, AP001820, AI137500, AB048953, AR015970, AI1365335, AC007907, AC004213, AL161804, AC006483, AC007383, AC008269, X66862, AI137712, AF130077, AF090901, AL1353092, AC004837, AF207751, AF217982, AX015526,				
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HCR/CB80	417	100948	1 - 1000	15 - 1014	AL137429, AC006019, A65336, AF202636, AL080147, AR038747, AC004485, AK026867, AL389939, AB050334, and AL080227.
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HPM:LW78	418	100983 3	1-637	15-651	AA039837, AA047148, AA065206, AA069461, AA150933, AA179184, AA503854, AA552083, AA747753, AA832283, AA866037, AA216096, AA009712, AA724705, AA025411, AA092242, DI7995, AA699745, AA700615, AI197919, AI284594, AI183502, AI185357, AI192704, AI193946, AI214344, AI205427, AI349577, AI349579, AI870351, AI871453, AI814743, AI937557, AI933369, AI934729, AW025624, AW025465, AW083771, and AW104090.
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HOD:IK75	419	100984 2	1-626	15-640	
HOD:IX27	420	100985 4	1-109	15-123	AV738340, AV744657, AV744012, AV742732, AV742050, T48593, T26395, AV681505, AV681504, AA385439, AV699103, AV681474, AV681526, AV681486, AV681464, AW955883, AW955403, AW955893, T03269, AV681472, AW963289, AW953750, AV701136, AV701254, AV701435, AA585278, AV701198, AW960162, AW959372, AW955886, AV969707, AV956977, AV701467, AA383312, AV701189, AW960161, AV701301, AV746179, AW949665, AW949667, AV681477, AV681495, AV701472, AV701436, AV701388, AV701297, AW635961, AV699218, AV699136, AV699170, AV699269, AV699229, AV662317, AV742757, AV742025, AV699136, AV662287, AV699123, AV699224, AV662272, AV699125, AV699203, AV699219, AV699131, AV699182, AV699246, AV662247, AV699153, AV699200, AV662257, AA585378, AV742899, AV699230, AV753956, AV662248, AV699247, AV699199, AV699137, AV662242, AV699223, AV699147, AW965627, AV662225, AV701276, AV701320, AV701173, AV701283, AV701471, AV701384, AV662191, AV701449, AV701071, AV701372, AV701088, AV701237, AV701027, AV681462, AV662235, AV701403, AV662218, AV701410, AA585389, AI526112, AV745415, AA585116, DS1250, AA585325, AA585329, AV662288, AV699204, AV662268, AV701034, AV701132, AV662223, AV662149, AV701468, AV701030, AV681528, AW962603, AV742733, AV701311, AV699998, AV744949, AV681514, AV681512, AV699156, AV699139, AW951170, AW951316, AV699196, AW662629, AV739506, AV701223, AV699175, AV662289, AA584340, AV743048, AV699197, AV645339, AV701059, AV758536, AV740765, AV681506, AI525306, AV698330, AV692714, AV699129, AV662207, AV699167, AV699119, AV739901, AV662196, AV740192, AV738752, AV662302, AV681525, AV735331, AV701451, AV745594, AV662319, AV746386, AV746276, AV701390, AV681487, AV681523, AV701201, AV735656, AW952650, AV735489, AA585327, AR070327, A94995, AV020191, AR031365, AX020190, AR038669, A30438, AF135243, AB005666, AB85395, AB5476.

HODIV85	421	100985 7	1 - 628	15 - 642	<p>AR074545, AB035274, AR008429, U46128, AJ294956, AR067731, A43190, AR031358, A44281, Z83798, AR062872, AJ007320, A91667, A91666, AR062871, A91750, A84772, AR060142, A84776, A84773, A84774, AR017826, A9018972, X93517, AX000475, AX000480, AX000474, AX000476, AX021518, AJ131952, AR037157, AX034425, AR028672, A70899, D26022, X82786, X55409, AB005559, AX040461, AR032065, I50122, U82676, AR074139, A43192, A25909, Y13161, AX015821, A64136, A68321, A904568, AX043922, AR071266, AR060134, AX03194, I50133, A70872, AX023385, AR008408, AX035434, AF219920, A70869, X92518, Z79475, M60510, AR060138, A63261, AR060137, D88110, AB027145, U79666, AJ000347, I50128, AF134119, I50126, I50132, X84816, I94090, AJ000991, AJ012010, Z79435, AF016705, Z29381, D34621, AR087528, Z31700, U89315, AR060057, AR028671, X16918, A70898, D14015, AR068047, A44216, AR016691, and AR016690.</p>
HOOIO38	422	100991 8	1 - 704	15 - 718	<p>W63650, AC004973, AR077702, A82595, AR060385, AB002449, AR070327, I14842, AR087649, A84916, AX027925, AB028859, I79511, AJ132110, A62300, A62298, AR054175, AR008277, AR008281, AX033851, AR018138, AR008278, AF058696, and AR016808.</p> <p>AL531631, A983085, AL527211, AL526194, A923500, A819615, BE901824, A635186, BG122272, BE728419, BG260421, BG109146, BG024689, BE796594, BE738377, BE731685, BG109875, AW516253, BE794629, BF025942, BE391594, AL528184, BE727443, BE731687, BF795001, BF026707, BG028283, BF794434, BG255190, A1590711, BE562472, A1531630, A158218, BG104271, BF965976, BE274333, A7629386, BE729203, BF984059, A4743190, BF338886, AA737352, BE251289, AV655988, BE871215, BE385375, AUI23120, BE57431, BF795361, BE563141, BG179543, BE389545, BE279135, AUI02952, A1992206, BE274788, A1564728, AA804870, BF663213, BE294212, BE389212, BE277137, A1890776, BF794711, BE894574, BE409929, AV752081, BE793519, BE280595, BE263958, BG165237, BF663378, AV758987, A1890733, BE410686, BE253511, A1588832, BE900482, BE279951, BE782108, BG1106, BF683318, BE385945, BE409462, BF684482, A1589325, BE900553, BF025688, BG104183, BF965657, A1445978, BE261172, BF975983, A951212, BG024839, A7780427, BF971859, BG028059, BG255625, AV761980, A1683852, BF663906, BE388565, A1434960, A149080, BE391963, BF683866, BE407371, BE313286, A1683168, BG033353, BE269180, BE260812, AW571765, BF568157, BE273792, A432555, BE729573, BF679984, A1689491, A1526345, AW410284, BE391998, AV763312, A7269852, A149044, BF663343, A1871089, BF183135, BE273288, AV682486, A130195, A1518217, BE275734, A72639186, BE384226, BG163891, BE998135, BE907411, BE265210, A1440291, BE313877, BE280535, BE260744, BE902943, BE544441, BE251633, BF131800, BF568884, A104857, BE898978, BE206852, BG260357, BE391257, A1583713, BE397380, A1613264, BE614507, BE780528, A7247198, BG027893, BE786936, BF697381, BF124948, A7327828, BE742831, BE740337, BF664259, BF038698, BE895951, BE390445, BF700485, A131182, A1635179, A7087993,</p>

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HAOS369	423	100994 9	1 - 4383	15 - 4397	
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HTTK422	428	101059 6	1 - 1790	15 - 1804	BG238097, BE563269, AW970826, BE972364, AW104509, AI035735, AA428565, AA948090, AI149846, AA564462, BE972491, BF241442, BE144496, AA429521, AA741348, AI357926, AW296387, BG150242, AA412328, AI589867, AW205827, AI916262, T15665, AW090362, AI933368, R12639, BF360955, R20539, AI480273, AI698477, BF083192, BF083189, BF083190, BF229315, BF743777, BF083194, BE972369, AA825483, BE767465, AW371194, BE543997, BF768945, BF229316, AI046777, and AC009464.
HNOIG33	429	101069 8	1 - 1694	15 - 1708	AL514076, AI136038, BE871934, BF037005, BE734065, BG121727, BF540061, AA500394, BF203968, BF204799, BE300047, BF538261, AV761233, AW409777, BF805377, AW409668, BF205527, BF816400, BF679197, AV724965, BF206008, BE467989, BF445887, AI903791, AI500392, T64826, AA860771, BG152814, AI382895, AI903792, AW373027, F12113.

HPD/VK48	430	101109 0	1-1811	13-1825	<p>A1740878, H84580, A1669972, H38748, A248719, BE537116, BE712120, BF817487, A1514075, I02023, I97682, A4316821, BQ059096, A4339588, A W005868, B23055, H24794, A4364975, A0762536, BF155770, BF081246, A4772366, BE677850, W96073, A0959522, A091703, BF307175, A4324375, U01160, AC000028, U103131, S78432, and AJ388529.</p> <p>A1817702, BE724213, BG109696, BF432151, BQ031900, BE002597, BF0027605, BF025756, BE895930, BF591342, BE732162, BE384437, A1870638, A1816966, BF974651, BF7933127, A W082941, A1955901, A1588852, I52247, T51341, BE752330, BE733010, BF799315, A4688018, BF827100, A0029041, D43921, D268508, and D88505.</p> <p>A1340778, A0119820, A0113300, A0126958, A0130520, A0139397, A W702394, BE877191, BE881502, BE877741, BG108056, A0119090, A0123852, BE782436, BE8984349, A1353707, A0135105, A0116910, BG259563, BE788956, A01683379, BG118247, BF78857, A1702635, A0137107, BF965897, BG176784, BF976801, BE884018, A W239292, A108190, BF98705, A W952777, BE875732, BG077117, BE877650, A1755003, BE878670, A1571366, A W949916, A1814464, BF878160, BG081194, BF571686, A W467192, A0154668, BE535701, A W392400, A4429941, A0146064, A W410667, A0155188, A W410666, A W994720, A W952816, A0129607, A1983856, A0143874, A0157027, A1922802, BG112073, A01153845, A1479778, A152436, BE778846, A0150846, C00650, BG118808, A0153441, BF211683, A1074482, BF210654, BF217005, A W304738, A4887384, BF240843, BF678567, BF692112, BF571072, A01760671, BF923330, BG250728, BG719747, A4937180, A4504114, A W630580, BF696489, A W130041, A W055333, A0145515, C75335, A W237574, BE565110, A0130502, A1559443, BF572471, BG108209, A W080347, BE176786, BF340233, BF345008, BE737877, A159409, A4410905, BF699275, A042306, BF691962, A1752907, A192876, A1924084, BE179704, A0149632, A4594633, BF794025, A1754970, N66338, A0142267, A4628679, BF349966, A W272202, A1673480, A W835336, A0156216, BE696419, A171565, A1707879, BE696416, BF982798, A1921994, BF699321, BE696412, A W440948, A01664266, A1572874, D83902, A754356, A1569623, A025058, A W468158, BE539716, C75346, BE696421, A1541217, A244037, D56430, A W794837, BE464416, A0149708, A0613984, A1520695, A W489181, A1818726, A6653377, BE738338, A W835340, A156339, D535682, A060442, A W0800395, BF691025, A4598526, BE178042, A0904195, A W768275, A0204639, A W674968, A121041, A152250, BF919693, BE925260, A4367404, A W615031, BG260753, A4848082, W47003, A W862545, R71408, BE696408, A W860808, TE2121, A627976, BF690899, BF917679, BE97469, A446236, D81210, A1721007, A W860804, D81637, A659654, A0437225, BE184816, N23467, A W750094, A1476075, BE764312, M85743, A446812, A1758376, TE2145, BE177013, A4757693, BF712842, BF921651, A0767238, A4853819, BF726140, A1273910, A4279252, A4381186, BE160136, BE244985, A0152260, BE937463, A4508507, D83831, T35966, A426071, A W753040.</p>
HNOJ10	431	101118 6	1-2847	13-2861	

HPDRG92	432	101120	1 - 347	15 - 361	AA463528, BF350600, AA853818, AL826048, T10441, BF902633, T30084, AA664662, AA296747, T32012, BF081538, AU127062, BF351535, AA294865, AW194536, AW389667, BF154256, BE764188, R71621, AA339945, AE590860, BE764172, BF764166, R71117, AA847057, BF081731, BF355957, AL121085, BE764191, AW273705, U29165, U22431, AF207602, AF207601, AF208487, AF050127, AL137129, U85044, AB018398, X72726, X95580, AF003495, U59496, AW5708, AB013746, Y09507, Y09085, AF004155, AF050124, AL277916, AF050123, AF004152, AF050122, AF004149, AF050121, AF004148, AL049780, AC007035, AF050126, AF050125, AF004154, AL133057, AF154121, AL122049, AL162062, AF218253, X56530, AL049423, AL133607, E04257, AL133015, E12888, AL133053, AL133049, AF198894, AL133081, AL122101, E13398, AK026442, AL133076, AL133608, W47022, AA504372, AA714314, AA091910, D11752, AA788713, T10413, T10820, AL453464, AL684085, AL933855, and AW439013.
HOFGM081	433	101130	1 - 915	15 - 929	AL529603, T96738, R90778, H47758, AL529602, R94024, AA323896, AL523542, AL525995, NS1812, AB033116, and AK001713. AL119457, AL121894, Y11587, AF118064, I48979, AF113690, AF130104, AF130082, AF130105, S78214, AF116646, AL110221, AF130075, AF113691, AF090934, AX046503, I89947, AF116602, AL389978, AF116639, AB048953, AF113694, AF118070, AL133640, AL157431, AB049758, AF078844, AL050293, AF113013, AF130059, AL117457, AL133016, AF116644, A08916, AF125949, AF11847, S68736, AL133606, AL359596, AF090900, AK079032, AF116691, AL359601, AF090943, AL242839, AF116688, AF116631, AL110196, AF218014, AL390167, AL080060, AF138861, L31396, L31397, AF104032, AL049938, AL442072, AL117460, AL050146, AF119878, AL137527, AL162083, AF113689, AF130092, AF090903, AF090901, AL096744, A93016, AL442082, AL049452, I89931, AF059958, X84990, AX019230, AF113676, AL080124, AF113677, AL050277, AL122093, AL133093, AB048964, AX019229, A08913, AK026608, AK026045, AK026865, AB019555, AF090896, AK002212, AL050149, U42766, AL050116, AF106862, AB041801, AK025339, AK025084, AL133075, AK025772, AL122030, AK026741, AF119875, AL050108, AK026835, AF219137, AL133080, E07361, AF113699, AK025092, AB047615, AL049314, AK025958, AF158248, AF113019, AL162006, I48978, AL133565, AL389982, AL122123, AF017152, AL137459, E03348, AL359618, AF146568, AB050510, AK026583, AL049466, AF111851, AL133557, AK027096, AF119899, AK026744, AF119909, AK026784, AX006092, AL117585, AF116649, AL080137, AL122121, AL137557, AF207829, AK000618, AL050138, AL135994, X63574, Y11254, AF017437, X82434, AK026504, A000937, AF125948, AF091084, U91329, AK026533, Y16645, AK000137, AF114091, AK026452, AK026647, AK000083, AF137283, AB048954, AL132878, AK026927, AF117394, AK000445, AL355940, AF177401, AF079765, A65341, AL359615, AL049430, AK026592, AB051158, AK087170, AL110225, AK024538, AF242189, AK027113, AK000652, AL049930, AK026532, AK026533, AK025484, AF116610,

					AL133560, AR011880, AF097996, AK025391, AK026534, AL137550, AK026086, E02349, AX042059, AK026542, B07108, AB052191, AL049464, AL117435, A08912, AX026824, AX026823, A58524, A58523, A77033, A77035, AF067728, AK027204, AK026528, A03736, AB047904, AK00432, AF225424, AK026959, AF771350, AL133258, AF130099, AF130066, AB034701, AK025967, AF116682, AL117583, AL050024, U00763, AL122098, I33392, AF177336, and AL049382.
HOFNF27	434	101131 5	1 - 748	15 - 762	AW665000, AL521066, AX089566, I74690, F05145, AL514786, AL678039, AL131437, BE167328, AA926992, AA249468, AW971745, AW804686, AW392670, BE058785, AW861944, AW604723, AW877209, AW858256, AW858525, AL119483, AL119319, AL119324, AL119355, U46349, AL119457, BE705903, AW577135, AW572827, AW384394, AW861889, AW858455, AL119497, AV363220, Z99396, AL119484, AL119363, AL119391, U46350, U46347, U46341, AL119443, BF868687, AL119444, AL119341, AL134538, AL042984, BF868697, AW604726, AL119439, BF868684, BE705905, AL119522, AL119396, U46346, AL043011, AL119335, AL037205, AL134533, AL134920, AL134524, BE705904, AL119399, AL043029, AL119496, AH42137, AL134531, AL119418, AW861954, U46345, AL042614, AL043033, AL042544, AL042965, AL042975, AL042450, AL042842, AL043019, AL043003, AL119464, AL042551, U90716, Y07593, AP009967, AF200465, AP001670, AL163204, AF124598, AF109645, Y10370, AF109646, Y11929, UP00715, AF169366, AF242865, AF242864, AF169365, AF169364, AB026436, AR060234, AX046357, AR054110, AJ251859, AX030435, A81671, AL279014, AR066494, AR069079, and AR043113.
HOFNF52	435	101131 6	1 - 591	15 - 605	AW971745, AW392670, AW804686, AW604723, BE695785, AW861944, AW858526, AW858525, AL119443, AW384394, AW861889, AW858455, AW363220, BE705903, BE705906, AW577135, U46347, AL134533, AL119363, AW372827, AL119497, AL119319, U46346, AL119396, AL119457, AW877209, AL119324, BE705905, AL119484, U46341, AW604726, Z99396, AL119541, AL119391, AL119355, U46350, U46351, U46349, BF868697, AL119444, AL119483, AL119439, AL119335, AL119496, BE705904, AL134518, AL119399, BF868687, AL134538, BF868684, AL119522, AW861954, AL037205, U46345, AL042965, AL042614, AL134527, AL119418, AL042542, AL042450, AL043003, AL042975, AL042970, AL043029, AL042544, AL043019, AL042984, AH42134, AL042551, AL119488, AL119464, AB026436, AJ251859, AX030435, AJ279014, AR054110, A81671, AR060234, AX046357, AJ251089, AR066494, AR069079, and AR080280.
HOFNL96	436	101132 1	1 - 563	15 - 577	
HOFNF53	437	101133 2	1 - 2384	15 - 2398	AF228061, AX014812, AF228060, AF228059, and AX014811.
HOFMU61	438	101136	1 - 1296	15 - 1310	

HOF035	439	0 101149 9	1 - 731	15 - 745		
HULP37	440	101153 7	1 - 901	15 - 915		AL520120, AU120794, AU142824, AU142738, AL524453, AL516006, AL531636, AL528608, AL135451, AV960802, BE255275, AF034175, BE251549, BE267417, BE787485, BE260926, BE866693, BF204561, AW402296, AV879901, AL130293, BE783678, AL536177, BG260912, AA026038, BF933394, AW995929, AP961738, AK022055, S63567, and AC006160. AL528378, AU129753, AL523011, AL523055, BE881260, AL536136, BE739029, AU936124, AW157228, BF036783, BE907027, A126462, BF684205, AW163233, BF032696, AU167783, BF115257, BF080959, BF206407, AW966037, BF058749, BE903304, AA873153, A1814898, A1653634, BF033796, AW167930, BE908776, BE612522, AL523011, BE312284, BE315082, AL528507, BE260964, AA657525, AA946556, AA581813, AV170322, A1675942, AU126752, AW073723, AW439343, AL536135, BE294834, AA905511, BF983613, BE736100, A1672867, BE271931, BE563428, BF033808, AA565888, AU151827, AU126743, AA443893, AU126776, AU126631, BE948096, A1288014, A1349513, AA605069, AA947686, A1354687, A1344761, AA968896, BG110190, BF036720, AA837515, AU126400, BF035189, AW473570, AA857612, AW243736, A1350498, A1363381, AA677118, AA670096, AA427949, AU151595, BE350678, AW182617, A1560969, AU129491, AA699411, AA622740, AA444088, AV700357, A1283102, A1689102, AA569487, A1261277, AA554302, A1653485, AV745161, AL516918, A1354641, AA856700, BE613105, A1358308, AA071541, A1243590, A1546836, AW065289, W76149, A2444008, A422558, AA775927, AA63086, AA650016, W72586, AW001140, AV698390, AA550916, N92857, BE904189, A1566843, AA773276, A1302461, AL520795, W25883, A127036, AU126711, AA037265, A1340693, A1185816, A1160689, A1516917, AA885382, BE866790, AA155767, A1904529, A1564903, AA659174, AW474443, A1051519, A15121966, A1494596, A1689031, BF743597, A1351481, BF743584, A1814052, AA428047, BF155259, BF761628, H99387, A921901, BF799202, A1970995, AU126531, AA687198, AL520794, A1635808, A126065, A1972309, A1770212, A1928381, A1364687, BF799608, A1364969, AA651753, A2232437, BF114899, AV702749, BE765150, A1758612, AA90244, A1363998, A1868371, AW150636, A1869410, BF7453525, AA092613, N31429, BF689044, AA065174, A1569999, BF155224, C18016, AA525385, A1924384, BF743523, AA528748, A1874640, T28360, BE694608, AA095763, T54666, A1184108, A1363700, BF688256, A1214861, AA069147, AA834416, BF743622, AA340127, BF063999, A1819683, A2324338, BG055557, BG133008, N90030, AA075883, N88126, AA612817, BF434087, T50502, AA330721, BF743541, AA565183, AA092202, A1967704, A1564889, A1699968, A4228951, A1360411, BG222691, A1908005, A2292397, BF130544, AA630996, R72795, AA155766, AA095477, AA402271, A1366864, A2326707, W3771105, AA720944, BG632973, A1653889, T540637, A1989537, AA055038, A1211965, BE171278, W04805, AA069239, AW496797, T547575, AW799852, AX014110, X55110, I15236, M94250, D10604, AX015411, E04786, M69148, E12898, M34094, AB036426, M34327, M35833, A19025023, M19662, M34328, M61754,

HOFME75	441	101160 7	1 - 1010	15 - 1024	15 - 2260	A063136, and AA155768. AL523165, AL515551, AL520260, AL531902, AL533764, AL534019, AU123661, AU538449, BF752583, BE271314, BE744146, BE314972, BE314630, AU124220, BF980436, AW239518, BE745207, BE909798, BE266432, BE313375, BF984861, AU126283. AW629964, AW239222, BE019917, AU144171, BE515784, AW239501, BE745633, AU531408, BF528125, BF984074, BF983109, AW238810, AW675533, BE887799, BG165843, AW239055, BF036003, BF683322, BF061176, BF314875, AA243255, AW068310, BG25491, AU750829, BG120518, AA114212, AA227340, AU528807, AA488270, BF036567, D13174, AB044778, AB044779, AB010273, X61598, M69246, X60676, J05609, AF100413, D12905, AB044780, AB044781, AF202899, AF178675, and AU12906. AL515550, AL520259, AL523164, AL525036, AL534019, AL537265, AL538449, AL533764, AL520260, AL531902, AL515551, AL523165, AL525035, BE379543, AU123661, BE741174, BE742224, BE741994, BE741741, BE742340, BF725283, BE740889, AU635814, AU124220, BE744987, BE744146, BE747153, BE744655, BG253433, BE745129, BF343376, BF033082, BF980436, BE877236, BF038485, BF338799, BE906099, AW151151, BF037069, BE272242, AL36307, BE898327, BE378159, BG116704, BE314864, BE314972, BG120943, AW239501, BE304338, BE514630, BE909798, BE271314, BE742968, AW162833, BF984861, AU1238803, AU754209, BG028129, BE272350, AW239518, AA114175, AL038804, BF128026, BE868537, AU752340, AW239222, BE266432, A641717, A205447, BE620098, BE745207, BE313375, AW629964, AU176157, AA191544, W68054, AW629878, BE207635, AA454490, BE067208, BE221309, AA315647, AW364803, BE910175, BE910339, AA101234, AA565572, BF0684840, AU049605, W92720, AU146365, BE015917, AA305265, AU863019, AA293036, W58348, AA565247, AU162724, AW338826, AU14482, AA987259, AW087936, AU954500, BF688322, AW517393, AU531408, AU755228, AU723072, AW069806, AU336074, BF528125, AU755234, BF984074, AU366790, AU144171, AU11037, AW150385, AU922017, AU191471, AA514403, AU733081, AA565501, AA873716, BF983109, R71440, AU753928, AU27706, AU131532, BF036219, BF695480, AA678630, AW368086, T5921, AU753517, AU238810, AA565403, AU332734, AW339060, AU884409, BF515784, AW950609, AU204058, AW955479, AA651706, AU129142, AU204251, AU179680, AU825961, AU829909, AU192557, AW087929, AA010142, BF983082, AU361591, AA025341, AA070470, AU635486, AU146535, AU355374, AU7552341, AU190787, AU674813, AU675533, AU185961, BF314875, AU130318, T5571, AU7545633, AA995846, W58473, AU890829, BF739075, AU690876, AA507465, AW304986, BG25491, AU827289, AU315478, AU889243, AU097500, AA564102, AU249028, BE887799, AW029503, AU01571, AU029192, AU293371, AU99166, AW614931, AA010141, AU589642, BE328767, AW005099, AA719959, AU531407, AA206070, AA971287, AU274613, BE206417, AA457512, AA219278, AA679718, AA777200, AU144387, AA613547, AU1313366, AU754203, AU722770, AU176048, BF308081, W96392, W70032, AA974224, AU829452, AU239055,
HOPKO74	442	101160 8	1 - 2246	15 - 2260		

HCBBA51	443	101175 5	1 - 461	15 - 475	<p>AA114212, AA113086, AA5719888, AIZ61819, AII186833, AIZ04697, W90053, AI073330, AA741410, AIV069208, R35390, F29705, BF034093, AF114026, AA593371, AF752119, AA617759, W69896, W92677, AW069619, BF036003, BE545929, AIZ02263, AII84133, HA8922, AIZ43241, AW6769870, AII086549, AA599379, AA488270, AII03759, AII506162, AI917564, AA062635, AA680026, D83174, X61598, AB044778, AB044779, X60676, M69246, AF100413, J05609, AB010273, AB044780, AB044781, D12905, D12907, AF202899, D12906, AF178675, M93337, D12903, I35755, TS8004, I38019, I77958, R02515, R06762, R23652, R26567, R34381, R34501, R39573, R39641, R31920, R62765, R66783, R67411, R67890, R70145, H25787, H27187, H27188, H30088, H42143, H48923, H50600, H79971, H79972, N35242, N66740, W027767, W17395, W19787, W24796, W57709, W57785, W58567, W58568, W63560, W680088, W72289, W76315, W79310, W79391, W90013, W96391, AAO22927, AAO22957, AAO27272, AAO27357, AAO29191, AAO29601, AAO35705, AAO35797, AAO37451, AAO53811, AAO62752, AAO62792, AAO62806, AAO63575, AAO70547, AAO70767, AAO70768, AAO74337, AAO74424, AAO76389, AAO76541, AAO82409, AAO83758, AAO85755, AAO102504, AAO112210, AAO112542, AAO130317, AAO224586, AAO227340, AAO23223, AAO243255, AAO506361, AAO513020, AAO531171, AAO563809, AAO565445, AAO565614, AAO581671, AAO603816, AAO630885, AAO935685, AAO973585, AAO995414, N63234, N79967, C00802, N83160, AAO63308, AAO89640, AAO75295, AAO102503, AAO205423, AAO219380, C75440, C75483, C75573, C75516, AAO59943, AAO599869, AAO65895, AAO457607, AAO732961, AAO777000, AAO83384, AAO83385, AAO83474, AAO83475, AAO82653, AAO02951, AAO74211, T11182, F02939, F04875, AIB28942, AIB01519, AIB02427, AIB35287, AIB39391, AIB52578, AIB61278, AIB445549, AIB54203, AIB584040, AIB127582, AIB139519, AIB143218, AIB148369, AIB184043, AIB184415, AIB199970, AIB279690, AIB12559, AIB342450, AIB687404, AIB11186, AIB22718, AIB26019, AIB50326, AIB93469, AIB94195, AIB080576, AIB081570, AIB084337, AIB102837, AIB103222, AIB058280, AIB073143, AIB074693, AIB166777, AIB275209, AIB275233, AIB188726, AIB193611, AIB194171, AIB078796, AIB358150, and AIB439469.</p> <p>BF314829, AIB172857, AIB135421, AIB756013, AIB711642, AIB706459, BE389248, AIB702758, BE298463, AIB873404, AIB761365, BF974361, AIB694674, BE385529, AIB71250, AAO35773, BE3896094, BG028321, AAO56334, AIB712521, AAO229819, AAO314724, BIF84153, BIF244433, C14291, W68503, AAO01339, BE378847, BIF314729, AIB751410, AIB761330, BE378783, C14299, AIB713770, BG059393, C14483, C14221, AIB717163, AAO308723, C14396, C14385, BE019161, AIB709556, AIB693316, AIB764302, F21255, C13986, AIB712395, BIF696046, F249601, AIB28328, BG250851, AIB440694, AIB135681, BE395394, W68387, BE730209, AIB228680, AIB009033, AIB747774, C14434, BIF941581, AIB23384, AIB622053, BIF244539, AAO10723, AIB02387, AIB073496, W07371, AIB08241, AAO53423, BE787471, AIB23417, AIB726474, AIB728017, AIB728046, F24716, AIB726003, AIB960673, AAO53968,</p>
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HDHEB13	444	101177 3	1 - 1157	15 - 1171	BF12894, BF31306, BE541408, BE384218, AI025140, N69946, BF683985, AA151292, AV757952, AI150810, AI378443, BE313118, AA315459, AA635767, AA491891, N69079, N56655, AI186392, AT070619, C03984, BE563035, AT084339, AA034221, BE906876, AA151293, BE275407, BE728346, AA873167, F24063, AA228662, W42660, AT018982, BE744775, N80244, AA969768, BE755641, T34897, W72685, AW170321, A1016268, BE263116, BG112628, AT078120, AA814124, BG031187, AV711886, W77791, AA546612, BE409239, BE409231, AT722203, AI066527, BE395618, AA729365, AA187084, BE300282, BE736548, BF804909, BE390266, BE390634, AV753766, W80646, BE217830, AA866435, AI075691, AA757220, AA922807, AA308272, AW182757, AA354607, AA132021, AA594511, AI087293, AI300747, AW275224, BF210527, AA644450, AA903981, W74708, W45185, AA181331, AA468802, AW583165, C15788, C14504, AA973174, AA935667, AA470869, N30323, AT746947, AA548946, AW275200, BG039405, F23638, AI343724, F24779, BE294521, AA132124, AA974282, AI087145, F36109, AI303012, N98327, AA135594, AA600707, AW572289, AI129063, AA976458, AV712801, AA747033, BE737600, BF130711, BF382470, AI378997, AV716066, AA329263, AT755513, AI253570, C14380, F33238, AI341567, AT749684, F26265, AA977143, F33782, AA011171, F4383354, BE738165, BE045124, AA026357, F26564, BE735946, AA483684, BE566649, BF210070, D51943, BE735942, W55989, F31642, AI299939, C14396, AA303645, AA662887, BE388378, BE394221, AI37512, AI126257, AA373945, F19035, T35109, BF132228, F27569, AA962592, W30667, T34058, AI279207, BE241003, AI695702, AA321693, BF229468, AA366013, T56279, BF217823, AW372974, AI188019, BF913829, BF213092, F28612, AA033537, C14513, AF052955, AF077045, AK026556, AI109840, AC010102, X16978, AF010323, W74677, W80647, AA062820, AA514852, AA563674, AA639353, AA664589, AA866626, AA903495, AA983332, F19464, Z19731, Z19733, F21953, AI302406, AI313106, AI109688, AI223418, AI253527, AI695164, AI696728, AI766380, and AI826670.
HDHEB13	444	101177 3	1 - 1157	15 - 1171	AI016779, AW304481, AA732948, AI288623, AW965223, AA443244, AA194106, W79527, BF511014, AI038644, AA443206, W93527, AA346195, W79559, BE296248, BE269743, AX039965, and AX039975.
HDHMG36	445	101182 1	1 - 453	15 - 467	BF972066, BF245607, AV703472, AV682014, AI038000, AV721711, AV728175, BE219386, AI133475, BF594923, BE837022, F27263, BF370629, BE830051, BF679794, BF693415, BE829971, AA528724, BE830055, AI479313, BE830057, F28205, BE717593, BE830025, BE836965, AI101196, BF973420, BE830061, BE830020, BE830059, BE818317, AA639940, AV734206, BE829966, AA501447, BE829983, BE830033, BE674258, AW772601, AA538672, BE837016, BE829982, BE830028, BE829988, AA082523, F36038, BE818328, BE836968, BE871750, AA603906, BE717609, F25953, BF975287, BE830032, AA886834, BE795191, F20554, BE830031, AI459928, AA474245, AA722455, AI417855, AA888508, BF837014, AI126653, AW102672, AI150214, AH79343, AW510846, BF109983, AA248555, AA559212,